THE
Recovery Kernel

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EMERGENCY SERVICES: 911 988 SUICIDE & CRISIS LIFELINE: Call or text 988 CRISIS TEXT LINE: Text HOME to 741741 SAMHSA NATIONAL HELPLINE: 1-800-662-4357 POISON CONTROL: 1-800-222-1222 YOUR PERSONAL EMERGENCY CONTACTS: 1. _____ Phone: _____ 2. _____ Phone: _____ 3.

_____ Phone: _____ FILL THESE IN NOW. When the storm arrives, you will not be able to remember numbers. They need to be written and visible before you need them.

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Crisis Resources: 988 (Suicide & Crisis Lifeline) | Crisis Text: Text HOME to 741741 | SAMHSA: 1-800-662-4357

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[illegible] [illegible]— [illegible] **methylation** [illegible]

[illegible]:
[illegible] **MTHFR,** [illegible]—[illegible]—[illegible] **methylfolate (L-methylfolate)—**[illegible] **methylcobalamin (**[illegible] **12),** [illegible] **6** [illegible] **P5P** [illegible] **(**[illegible] **2)** [illegible] **MTHFR** [illegible] **(23andMe, Ancestry)** [illegible] **Promethease** [illegible] **Genetic Genie** [illegible] **MTHFR** [illegible] **(methylation).**

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COMT — [illegible]

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[illegible] overwhelmed [illegible] COMT (catechol-O-methyltransferase) [illegible] catecholamines [illegible] COMT [illegible] Val/Val (COMT [illegible]) [illegible] Met/Met (COMT [illegible]) [illegible] Val/Met [illegible]

[illegible] SANCTUARY — FAST COMT (Val/Val) — [illegible]

[illegible]: [illegible] **COMT** [illegible] [illegible] [illegible]

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CENTURIAN PAPER 15

THE PHENOTYPE PATH

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[illegible] [illegible] [illegible] **(neurogenomics)** [illegible] [illegible] **100–300** [illegible] [illegible] [illegible] **DNA** [illegible] **(phenotyping)** [illegible] [illegible] [illegible]

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COMT (Catechol-O-Methyltransferase) [illegible], [illegible] [illegible] [illegible] [illegible]

* Val/Val ([illegible]): [illegible] — [illegible]
* Met/Met ([illegible]): [illegible] — [illegible] overwhelmed [illegible]

Warrior Markers (Val/Val — [illegible])

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[illegible]
[illegible]
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+2
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Worrier Markers (Met/Met — [illegible])

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[illegible]—[illegible]
[illegible]; [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] **200** [illegible] [illegible] **C677T, Val158Met, 4/4** [illegible] [illegible] [illegible] [illegible] = [illegible] [illegible] = [illegible] [illegible] [illegible] = [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] 07

[illegible]

[illegible] [illegible]

[illegible]: [illegible] [illegible]

THE CENTURION — [illegible] C-07.001

[illegible] [illegible] [illegible]: [illegible] [illegible] "[illegible]" (neuroplasticity) [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible]
[illegible] [illegible]

[illegible] 7.1

[illegible]

[illegible] — [illegible]

[illegible] SANCTUARY — [illegible] — [illegible]

*[illegible] [illegible] [illegible] [

[illegible]

[illegible]

[illegible]

[illegible]
[illegible] — [illegible]
[illegible] [illegible]
[illegible] [illegible]
[illegible] ([illegible])
[illegible] — [illegible]
[illegible] [illegible]
[illegible] [illegible]
[illegible]

[illegible]
[illegible]
[illegible]

THE CENTURION — [illegible]

[illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] AA [illegible]
[illegible]:
[illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible]

[illegible] 7.2

[illegible]

[illegible] [illegible] — [illegible]

THE CENTURION — [illegible] [illegible]

[illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible]

[illegible] [illegible] BDNF [illegible] BDNF [illegible] dhikr [illegible] [illegible]… [illegible]—[illegible]

[illegible] SANCTUARY — [illegible] — [illegible]

[illegible] — [illegible]: [illegible]? [illegible] "[illegible]" [illegible] [illegible] "[illegible]" [illegible] [illegible] "[illegible]" [illegible] [illegible] "[illegible]" [illegible] [illegible]: [illegible] **(trigger)** [illegible] [illegible]

[illegible] — [illegible]: [illegible]? [illegible] [illegible]: "[illegible] "[illegible], [illegible]" "[illegible]" "[illegible]" [illegible]" [illegible] [illegible] [illegible]

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* *[redacted]*
* *[redacted]*

THE CENTURION — [redacted]

[redacted] "neuroplasticity" [redacted]

* [redacted]: [redacted]
* [redacted]: [redacted] (BDNF)
* [redacted]: [redacted]
* [redacted]: [redacted]
* [redacted]: [redacted]
* [redacted]: [redacted]

[redacted] SANCTUARY — [redacted] — [redacted]

1. [redacted] — [redacted]: [redacted]—[redacted]—[redacted] **17 ([redacted])** [redacted]: [redacted]

2. [redacted] — [redacted]: [redacted] **Brain-Derived Neurotrophic Factor (BDNF)** [redacted] "[redacted]" **BDNF** [redacted] **30** [redacted]

[redacted] [redacted] (BDNF) [redacted]

3. [redacted]: [redacted]

4. [redacted] — [redacted]: [redacted] **3** [redacted]

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[illegible] — [illegible]

[illegible] SANCTUARY — [illegible] 07 — [illegible]

1. [illegible] [illegible] [illegible]

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CENTURIAN PAPER 16

[illegible]

[illegible]—[illegible]

BDNF, [illegible] [illegible] [illegible]

[illegible]: '[illegible] [illegible]' [illegible] [illegible] [illegible]

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* □□□ — □□□□□□□□□□□□ □□□□□□□□□ **(prefrontal cortex)** □□□□□□□□; □□□□□□□□□□□□ **MRI** □□□□□□□ **6-12** □□□□□□
* □□□□□□□□□□□□□□□□□□□□□□□□□□□□ **(neurogenesis)** □□ — □□□□□□□□□□□□□□□□□□□□

[redacted]

[redacted]

BDNF [redacted]: BDNF (Brain-Derived Neurotrophic Factor) [redacted] **(synaptic plasticity)** [redacted] **BDNF** [redacted] **BDNF** [redacted] **BDNF** [redacted]

[redacted]

[redacted] BDNF

[redacted]

[redacted]

[redacted] 200-300%

[redacted]: [redacted] 30 [redacted]

[redacted] 300-400%

[redacted]; [redacted] 20–30 [redacted]

[redacted] (Intermittent Fasting)

50–400% ([redacted])

[redacted] (intermittent fasting) [redacted] 16:8 [redacted]; [redacted] BDNF; [redacted]

[redacted] BDNF

[redacted] BDNF [redacted]

[redacted]

[redacted]; [redacted]; [redacted] 20 [redacted]

[redacted]

[redacted] (30-60 [redacted]); [redacted]; [redacted]

[redacted]

[redacted]; [redacted], [redacted], [redacted]

[redacted]

[redacted] BDNF

[redacted] (Lion's Mane)

□□□□□□□□□□□□□□□□□ NGF □□□ BDNF
500-3000 □□□□□□□□□□□□□□□□□; □□□□□□□□□□□□□□□□□□□□□□□□□□□□
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2-4 □□□□ EPA/DHA □□□□□□□
□□□□□□□□□□□
□□□□□□□□□□□ BDNF
□□□□□□□□□□□□□ (piperine) □□□□□□□□□□□□□□□□□□□□□□□□; □□□□ 500–1000 □□□□□□□□□□
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8 □□□□□□□□□□□□□□□□□□□□

[illegible]. [illegible] **90** [illegible]... [illegible]
[illegible] [illegible] **90** [illegible]

[illegible] **— 30** [illegible] **45** [illegible], [illegible]
[illegible]: [illegible], [illegible], [illegible], [illegible] — [illegible]
[illegible] **(**[illegible] **BDNF)** [illegible] —
[illegible]; [illegible]
[illegible] **— 7** [illegible] **9** [illegible], [illegible]
[illegible] **(**[illegible] **30** [illegible]**),** [illegible]
[illegible] **90** [illegible]; [illegible]
[illegible] **BDNF** [illegible] —
[illegible] **—** [illegible] **30** [illegible] [illegible] [illegible]
[illegible] **(**[illegible]**);** [illegible] [illegible];
[illegible] **(**[illegible], [illegible], [illegible]**)** [illegible]
[illegible] [illegible]
[illegible]**: 20+** [illegible] [illegible]
[illegible] [illegible]; [illegible]
[illegible] [illegible] [illegible]
[illegible]

[illegible]**: 5-6** [illegible], [illegible] **2-3** [illegible]
[illegible] **(30-45** [illegible]**), 1-2** [illegible]
[illegible] **(20-30** [illegible]**),** [illegible] **1-2** [illegible] **(**[illegible]
[illegible] **BDNF** [illegible]**)**
[illegible]: **1** [illegible] **2** [illegible]
[illegible]; [illegible]; [illegible]
[illegible]: [illegible] **2** [illegible]
[illegible]; [illegible]
[illegible]: **2-3** [illegible] **(**[illegible] **30-60** [illegible]
[illegible]**)** [illegible]
[illegible]: [illegible] **Intermittent Fasting** [illegible] **16:8** [illegible]
[illegible]**; Ketones** [illegible] **BDNF;** [illegible]

— 16.4 —

[illegible] — [illegible]

[illegible]

[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] "[illegible]"

* **Methamphetamine (Volkow et al.):** [illegible] **D2** [illegible]
[illegible]; [illegible] **12–17** [illegible]
* **Alcohol (Heinz et al.):** [illegible] **D2** [illegible]
[illegible]; [illegible] **1**
* **Cocaine (Martinez et al.):** [illegible]; [illegible]
[illegible] **3–6** [illegible]

* [illegible] **MRI** [illegible]: [illegible] **6–12** [illegible]
* **Methamphetamine (Wang et al.):** [illegible]; [illegible] **12–17** [illegible]
* **MRI** [illegible]: [illegible]; [illegible] **6–24** [illegible]

[illegible] **(anhedonia) —** [illegible]: [illegible] "[illegible]"

[illegible] "[illegible]" [illegible]—[illegible]:

* [illegible] 0 [illegible]
* [illegible]
* [illegible]
* [illegible] "[illegible]"
* [illegible]
* [illegible]
* [illegible]
* [illegible] 0 [illegible]
* [illegible]

[illegible]. [illegible]

[illegible]:

* [illegible]
* [illegible] [illegible] **1-2** [illegible]
* **BDNF** [illegible] **- Brain-Derived Neurotrophic Factor** [illegible] "[illegible] **Miracle-Gro**" [illegible] **BDNF** [illegible]
* [illegible] **- [illegible] BDNF 200-400%;** [illegible]
* **Neurogenesis** [illegible] **-** [illegible] **700** [illegible]
* [illegible] **90** [illegible] **-** [illegible]

[illegible]—[illegible] **(**[illegible], [illegible], [illegible]**)** [illegible] **(**[illegible], [illegible], [illegible]**)**
[illegible]

"[illegible]" [illegible] [illegible] [illegible]

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The Garden Beneath — □□□

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THE CENTURION — □□□□□□□□□□□ C-09.001

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[illegible]

[illegible] 9.1

[illegible]

[illegible] — [illegible]

[illegible] SANCTUARY — [illegible] — [illegible]

*[illegible] [illegible] [illegible] [

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] — [illegible]

[illegible]

*[illegible] — [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible]

[illegible] — [illegible]

[illegible]

THE CENTURION — [illegible] 5R — [illegible], [illegible]

[illegible] [illegible] 5R: [illegible], [illegible], [illegible], [illegible], [illegible] [illegible] [illegible] karma [illegible] [illegible]—[illegible] ama ([illegible]) [illegible] [illegible] [illegible] [illegible]: [illegible] [illegible] [illegible], [illegible], [illegible] [illegible] 5R [illegible]

SANCTUARY — [illegible] — [illegible]:

[illegible]

[illegible]: [illegible] ([illegible] *Candida) [illegible], [illegible] [illegible] [illegible] [illegible] 30 [illegible]: [illegible], [illegible], [illegible], [illegible], [illegible] [illegible] [illegible] "ama" [illegible]*

[illegible]: [illegible] (emulsifiers) [illegible] [illegible] [illegible]: [illegible] [illegible] [illegible]

[illegible]: [illegible] [illegible] [illegible] [illegible]

*[illegible]: [illegible] [illegible] [illegible] [illegible]

[illegible]

[illegible] NSAID [illegible]: [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] 14 ([illegible]) [illegible] □

[illegible]: [illegible] [illegible] [illegible] 07 [illegible] 05 [illegible] [illegible] [illegible]

□ SANCTUARY — [illegible] — [illegible]: [illegible]

*[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [

* [illegible] ([illegible])
* [illegible]
* [illegible] (Helveticus [illegible] *B. longum*)
* [illegible]
* [illegible]
* [illegible] (Saccharomyces [illegible])

[illegible] 1 [illegible] 2 [illegible] [illegible] [illegible]

[illegible] 75 [illegible] 150 [illegible]

[illegible] 3: [illegible] [illegible]: [illegible] ([illegible], [illegible], [illegible]), [illegible], [illegible] EPA [illegible] DHA [illegible] [illegible] 2 [illegible] 3 [illegible]

⛩ SANCTUARY — [illegible] — [illegible]: [illegible]

[illegible]
** [illegible]*
** [illegible]*
** [illegible]*
** [illegible]*
** [illegible]*
** [illegible]*
** [illegible]*
** [illegible]*
** [illegible]*
[illegible] 2-3 [illegible] [illegible] [illegible]: [illegible] [illegible] 03 [illegible] C-29 [illegible]: [illegible]

[illegible] 9.3

[illegible]

[illegible] — [illegible]

⛩ SANCTUARY — [illegible] 09 — [illegible]

1. [illegible] **500** [illegible] [illegible] **90** [illegible] **95** [illegible]

□□□ **50** □□□□□□□□□□□ □□□□□□□□□□□□□□□□□□□□□□□□□□□□ **80** □□□ **90** □□□□□□□□□□□□□□□□□□□□—□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□

2. □□□□□□□□□ □□□□□□□□□□□□□□□□ □□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□ □□□□□□□□□□□□□□□□□□□□

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CENTURIAN PAPER 18

THE GUT-BRAIN PATCH

[illegible]

[illegible]

[illegible]

[illegible] [illegible] [illegible] [

□□□

* [illegible] — [illegible]
[illegible]
* [illegible] — [illegible] **(1** [illegible]
[illegible]**) 15** [illegible]; [illegible]
* [illegible] — **25–35** [illegible] [illegible];
[illegible]
* [illegible] — [illegible]
[illegible]

[illegible]**:** [illegible]; [illegible]
[illegible]; [illegible] [illegible] **(**[illegible]
[illegible]**)**

[illegible] **3 —** [illegible] **(**[illegible] **3-8)** [illegible]
[illegible]**:** [illegible] **(**[illegible]
[illegible]**):** [illegible] **(**[illegible]**,** [illegible]**),** [illegible]
[illegible], [illegible] **(**[illegible]**),** [illegible] **(**[illegible]**,** [illegible]**,** [illegible]
[illegible]**),** [illegible] **(**[illegible]**),** [illegible]**,** [illegible]
[illegible]**:** [illegible]**, 50+** [illegible] **CFU;** [illegible] ***Lactobacillus*** [illegible] ***Bifidobacterium*;** [illegible]
[illegible]; [illegible] **1-2** [illegible]
[illegible]
[illegible]**:** [illegible]**,** [illegible]**,** [illegible]**,** [illegible]
[illegible]**,** [illegible] **Jerusalem,** [illegible] **(**[illegible]**),** [illegible]**,** [illegible]**,** [illegible]
[illegible]
[illegible] — [illegible]
[illegible] [illegible] **1-2** [illegible]
[illegible]

[illegible] **4 —** [illegible] **(**[illegible]**)** [illegible]:
* **L-Glutamine 5–10** [illegible] — [illegible]
[illegible] [illegible]
[illegible]
* [illegible] **/** [illegible] — [illegible]
[illegible]
* **Zinc carnosine —** [illegible]
* [illegible] — [illegible]
* **Slippery elm —** [illegible]
* [illegible] **3 —** [illegible]; [illegible]

[illegible]**:** [illegible] **3–6** [illegible]
[illegible] **6–12** [illegible] [illegible]
[illegible] — [illegible] [illegible] [illegible]
[illegible] [illegible]

— 18.3 —

The Craving Connection

[illegible]

[illegible]

[illegible]

[illegible] [illegible] **Candida** [illegible]

[illegible] "[illegible]" [illegible] **[illegible]** [illegible] "[illegible]" [illegible]

[illegible] — [illegible]

[illegible] — [illegible] **(**[illegible]**):**

* [illegible] — [illegible]; [illegible] **500** [illegible]
* [illegible] — [illegible] **(**[illegible]**);** [illegible]
* [illegible] — [illegible]; [illegible]
* [illegible] — **1** [illegible]; [illegible]

[illegible]: [illegible] **30** [illegible]; [illegible]; [illegible] **(**[illegible]**);** [illegible] — [illegible]

[illegible]: [illegible]

— 18.4 —

The Recovery Plate

[illegible]

* *[illegible]*
  * *[illegible]*
  * *[illegible]*

* [redacted]
* [redacted]
* [redacted]
* [redacted]
* [redacted]
* [redacted]
* [redacted]
* [redacted]

Recovery Plate Template

[redacted]:

* [redacted] ([redacted], **25–40** [redacted])
  [redacted]; [redacted]; [redacted]
  [redacted]: [redacted], [redacted], [redacted], [redacted], [redacted]
* [redacted] ([redacted])
  [redacted] **60%** [redacted]; [redacted]; [redacted]
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* [redacted] (**Sauerkraut,** [redacted], **Kimchi, Kefir —** [redacted]
  [redacted]: [redacted]

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* [redacted] — [redacted]; [redacted]
* [redacted] (**[redacted], [redacted], [redacted]**) — [redacted]; [redacted]
* [redacted] (**[redacted], [redacted], [redacted], [redacted]**) — [redacted]; [redacted]
* [redacted] — [redacted] [redacted] [redacted] [redacted]
* [redacted] — [redacted]; [redacted]
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THE CENTURION — [illegible] C-10.001

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[illegible] C-29 [illegible]

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[illegible] — [illegible] **30** [illegible] **05** [illegible] — [illegible] **(**[illegible]**):** [illegible] — [illegible] — [illegible] **(**[illegible]**)** [illegible] — [illegible] [illegible] **02** [illegible] [illegible]**?** [illegible]**?** [illegible] — [illegible]. [illegible]**:** [illegible] [illegible] [illegible]

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THE CENTURION — [illegible] — [illegible]

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2. [illegible]: [illegible]? [illegible]
3. [illegible]: [illegible] Japanese tea ceremony [illegible]
4. [illegible]: [illegible] "[illegible]" [illegible] Shukr [illegible], [illegible], Berachah ([illegible]) [illegible] 5. [illegible]: [illegible] 07 [illegible] "[illegible]" [illegible]: [illegible] + [illegible] + [illegible] + [illegible] + [illegible] = [illegible]

The Pleasure

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1. [illegible] [illegible] [illegible]

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7. [illegible] [illegible] [illegible]

CENTURIAN PAPER 19

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4: [illegible]—[illegible]; [illegible]
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THE CENTURION — [illegible] C-11.001

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THE CENTURION — [illegible]

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[illegible] **Protocol 05 —** [illegible]

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Crisis Resources: 988 (Suicide & Crisis Lifeline) | Crisis Text: Text HOME to 741741 | SAMHSA: 1-800-662-4357

CENTURIAN PAPER 20

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[illegible]

NAD+, [illegible]

[illegible]

[illegible] **1-19** [illegible], [illegible], [illegible] **: '**[illegible]**?'** [illegible]

* **NAD+ therapy (**[illegible] **NAD+)**
* **Peptides (**[illegible]**)**
* **Neurofeedback (**[illegible]**)**
* **Advanced supplementation (**[illegible]**)**

[illegible] **—** [illegible] **1-19** [illegible] **90%** [illegible] **10%** [illegible]

— 20.1 —

NAD+ Therapy

[illegible]

NAD+ [illegible]

NAD+ (Nicotinamide Adenine Dinucleotide) [illegible] **(**[illegible]**),** [illegible] **DNA,** [illegible]**,** [illegible]

[illegible]**:**
* [illegible] **NAD+** [illegible]
* [illegible] **NAD+** [illegible]**,** [illegible]
* [illegible] **NAD+** [illegible]

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BPC-157 ([illegible])
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Semax
[illegible] **BDNF** [illegible] **NGF** [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

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Magnesium 400 □□. □□□□□□□□
□□□ **benzodiazepine: NAC 600–1200 □□.** □□□□□□□□□□□□□□□□; **Taurine 1–2** □□□□□□□□□□□□; **Magnesium 400 □□.** □□□□□□□□; **L-Theanine 200 □□.** □□□□□□□□□□□□□□□□□□□□

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OPPIOIDS: [illegible]

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THE CENTURION — [illegible]

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[illegible]: [illegible] (10 [illegible] [illegible] [illegible] **180** [illegible] [illegible] **90** [illegible] [illegible] **2.7** [illegible] [illegible], [illegible], [illegible] [illegible] [illegible] (1 [illegible] [illegible] [illegible] [illegible] [illegible] **1-2%** [illegible] [illegible]

[illegible]: [illegible] **16** [illegible] **20** [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] **6-8** [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] **01** [illegible] [illegible]

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Glycinate: [illegible] [illegible] [illegible] — [illegible]
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* [illegible]
* [illegible]

[illegible]
2000–3000 [illegible]
[illegible], [illegible], [illegible], [illegible]
[illegible], [illegible], [illegible], [illegible]
[illegible]
3500–4700 [illegible]
[illegible], [illegible], [illegible], [illegible], [illegible]
[illegible], [illegible], [illegible]
[illegible]
400–600 [illegible]
[illegible] ([illegible]), [illegible], [illegible], [illegible]
[illegible], [illegible], [illegible], [illegible], [illegible]
[illegible]
1000–1200 [illegible]
[illegible], [illegible], [illegible], [illegible]
[illegible], [illegible], [illegible]
[illegible]
~2300 [illegible]
[illegible] ([illegible])
[illegible]

[illegible] 12.3

[illegible]

[illegible]—[illegible]

[illegible] SANCTUARY — [illegible] 12 — [illegible]

1. [illegible] [illegible] [illegible]

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> [illegible] — The Centurion

[illegible] **12 —** [illegible] **—** [illegible]

Crisis Resources: 988 (Suicide & Crisis Lifeline) | Crisis Text: Text HOME to 741741 | SAMHSA: 1-800-662-4357

CENTURIAN PAPER 21

[illegible]

[illegible] [illegible] — [illegible] [illegible]

[illegible] [illegible]

[illegible]:

[illegible]: [illegible] "[illegible]" [illegible] "[illegible]" "[illegible]" [illegible] "[illegible]" "[illegible]" [illegible] "[illegible]" [illegible] "[illegible]" [illegible] [illegible]

[illegible] ([illegible] **ghrelin)** [illegible] (**[illegible]**) [illegible]: [illegible] **autophagy—**[illegible] [illegible]—[illegible]

[illegible] **(**[illegible]**,** [illegible]**)** [illegible]

[illegible] [illegible]

— 21.1 —

[illegible]

[illegible] [illegible]

[illegible] **—** [illegible]

[illegible] '[illegible]' [illegible]

[illegible] **(**[illegible] **Ghrelin/**[illegible]**):** [illegible] [illegible]; [illegible] **(glycolysis → lipolysis → ketosis);** [illegible] **30,000–100,000+** [illegible]; [illegible] [illegible]; [illegible] **16-24** [illegible] [illegible] **ketosis**

[illegible] **(**[illegible] **Osmotic/**[illegible]**):** [illegible]

[illegible]; [illegible]; [illegible] — [illegible] ○ [illegible]: [illegible] [illegible]; [illegible] [illegible] [illegible] [illegible]

[illegible]

[illegible] (Ghrelin) [illegible] (Osmotic)

[illegible]

[illegible] = [illegible] ([illegible]) [illegible] [illegible] = [illegible] [illegible] ([illegible])

[illegible]

[illegible]: 30,000-100,000+ [illegible] — [illegible] [illegible]: [illegible]

[illegible]?

[illegible]: [illegible], [illegible], [illegible] — [illegible] [illegible]: [illegible], [illegible], [illegible]

[illegible]

[illegible]: [illegible] [illegible]: [illegible]

[illegible]

[illegible]: 16-72 [illegible] [illegible] [illegible] — [illegible] [illegible]: [illegible], [illegible] [illegible]

[illegible]

[illegible]: [illegible] — [illegible] [illegible]: [illegible]

[illegible]

[illegible]: [illegible], [illegible] — [illegible] [illegible]: [illegible], [illegible], [illegible]

— 21.2 —

The Migrating Motor Complex

[illegible]

MMC (Migrating Motor Complex) [illegible] [illegible] [illegible]

[illegible]:
* [illegible] **I (45-60 [illegible])** — [illegible]; [illegible]; [illegible]
* [illegible] **II (30-45 [illegible])** — [illegible]; [illegible]
* [illegible] **III (5-15 [illegible])** — [illegible]; [illegible];

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*□□□

[illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]:
* [illegible] ([illegible] **autophagy, MMC, [illegible] ketosis)**
* [illegible] ([illegible])
* [illegible] ([illegible])

[illegible] **(MMC [illegible]),** [illegible] **(autophagy [illegible]),** [illegible] **(ketosis, [illegible])** [illegible], [illegible] [illegible], [illegible] [illegible] [illegible]

[illegible]: [illegible] **0.5** [illegible] [illegible] [illegible] **160** [illegible] [illegible] **80** [illegible] ([illegible] **2.4** [illegible]) [illegible] **16-24** [illegible] [illegible] **16-32** [illegible]

[illegible]:
* [illegible]: **2000–3000** [illegible] ([illegible])
* [illegible]: **2500–3500** [illegible]
* [illegible]: **300–500** [illegible]

[illegible] [illegible] [illegible]

[illegible]:
* [illegible] ([illegible])
* [illegible] ([illegible] '[illegible]')
* [illegible]
* [illegible] ([illegible])
* [illegible]

[illegible]: [illegible] **500** [illegible] ¼ [illegible]; [illegible] [illegible]; [illegible] [illegible] [illegible] ([illegible] [illegible]); [illegible] [illegible]

[illegible] **Intermittent Fasting** [illegible] **16:8** [illegible] **—** [illegible] [illegible]

[illegible] **(16** [illegible]**):** [illegible] **20:00** [illegible].; [illegible] [illegible]; [illegible] **06:00** [illegible].

[illegible] **(06:00** [illegible].**):** [illegible] **500** [illegible] [illegible] ¼ [illegible]; [illegible]; [illegible] [illegible] [illegible]
[illegible] **(08:00** [illegible].**):** [illegible] **500** [illegible]; [illegible]; [illegible]

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□□□□□□□ **12–14** □□□□□□□□□□□□□ □□ □□□□□□□□□□□□ □□□□□□ □□□□□□□□□□□□□□□□□□□ □□□□□□□□□□□□□□□□□□□ □□□□□□□□□□□□□□□□□□□□

[illegible]

END OF CENTURIAN PAPER 21 — THE HYDRATION ARCHITECTURE.

— [illegible] 1 —

[illegible] 2 — [illegible]

[illegible], [illegible], [illegible], [illegible]

[illegible] [illegible] [illegible] [

[illegible] 17

[illegible]

[illegible]

— *[illegible]* —

[illegible] [illegible] [illegible] [illegible] [illegible] — [illegible] [illegible] [illegible] [illegible]

5-10 □□□□
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N2 — True Sleep
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45–55%
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[illegible]

[illegible]: [illegible] [illegible] [illegible]

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The Evening Descent

[illegible]

[illegible] [illegible]—[illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] [

[illegible]

[illegible] — [illegible] [illegible]

* **Magnesium glycinate, 300 [illegible] 400 [illegible]:** [illegible] [illegible] **GABA** [illegible] [illegible] [illegible] [illegible] [illegible] **glycinate** [illegible]
* **L-theanine, 100 [illegible] 200 [illegible]:** [illegible] [illegible] [illegible] [illegible] [illegible]
* **Melatonin, 0.5 [illegible] 3 [illegible]:** [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] **65** [illegible] **68** [illegible]
[illegible] [illegible] [illegible]
[illegible]: [illegible]; [illegible]
[illegible]; [illegible] [illegible] — [illegible], [illegible]
[illegible], [illegible]
[illegible]; [illegible] [illegible]: [illegible]
[illegible], [illegible], [illegible]
[illegible]: [illegible]
[illegible] [illegible], [illegible], [illegible], [illegible]
[illegible] — [illegible]
[illegible] [illegible] [illegible]
[illegible]

[illegible] [illegible]... [illegible] **L-theanine:** [illegible]
[illegible]
[illegible]: [illegible] [illegible]
[illegible] **diphenhydramine,** [illegible], [illegible] [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] [illegible]

[illegible]: [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible]
[illegible] **REM** [illegible]
[illegible] [illegible] [illegible] **Year after year, that work went undone.** [illegible]
[illegible] **Early** [illegible]
[illegible] — [illegible] **REM,** [illegible]
[illegible],
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] — [illegible], [illegible], [illegible]
[illegible], [illegible], [illegible] —
[illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible]: [illegible]
[illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]

[illegible] **17 —** [illegible]

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THE CENTURION — □□□□□□□□□□□ C-03.001

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[illegible]

[illegible] — [illegible]

[illegible] — [illegible] — [illegible]

*[illegible] [illegible] [illegible] [

[illegible]: "[illegible]" [illegible]: "[illegible]" [illegible] [illegible] [illegible]

🏛 SANCTUARY — [illegible] — [illegible]

[illegible] — [illegible]: [illegible]
[illegible] [illegible]
[illegible] [illegible]
"[illegible]" [illegible]
[illegible]
[illegible] — [illegible]: [illegible] [illegible] [illegible]
[illegible]: [illegible]—[illegible], [illegible], [illegible], [illegible], [illegible]
[illegible]? [illegible]? [illegible]: [illegible]
[illegible], [illegible] [illegible]
[illegible]? [illegible]? [illegible]
[illegible]: [illegible]? [illegible]
[illegible]? [illegible]—[illegible]—[illegible]—
[illegible]? [illegible] —
[illegible]: [illegible]? [illegible]? [illegible]?
[illegible]? [illegible] [illegible]

[illegible] — [illegible]: [illegible]
[illegible], [illegible], [illegible]
[illegible], [illegible]
[illegible], [illegible]. [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] [illegible] [illegible]

[illegible]

[illegible] — [illegible]

Beautiful Destruction

[illegible].

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] — [illegible]

[illegible]

□□□

[redacted]

[redacted]: [redacted] [redacted] [redacted] — [redacted]

[redacted]: [redacted]—[redacted] [redacted]—[redacted] [redacted] [redacted] [redacted] [redacted] [redacted]:

* [redacted]
* [redacted]
* [redacted] [redacted]

[redacted]: [redacted] [redacted] [redacted] [redacted] [redacted] [redacted]: [redacted] [redacted] [redacted] [redacted] [redacted]

[illegible]: [illegible] [illegible] maqam – [illegible] [illegible] Oud, ney [illegible] – [illegible] [illegible]

*[illegible]: Reggae, Soca, Calypso: [illegible] [illegible] [illegible]

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Afrobeat, □□□□□□, □□□□□□□□□, □□□□□□□□□□□□, □□□□□
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[illegible]

[illegible]

⚠ [illegible] — [illegible] — [illegible]

[illegible]

[illegible]:
1. [illegible]
2. [illegible]
3. [illegible]
4. [illegible]
5. [illegible]
[illegible]

[illegible]

Do Not Input

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3. □□□□□□□□□□□□□□□□□□□□

[illegible]:

[illegible] 1-2 — [illegible]: [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] 3-4 — [illegible]: [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] 5-8 — [illegible]: [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] (counter-frequency input). [illegible].

[illegible] 9 [illegible] — [illegible]: [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] 3.6

[illegible]

[illegible] — [illegible]

[illegible] SANCTUARY — [illegible] 03 — [illegible]

1. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

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8. □□□□□□□□□□□□□□□□□□□□□□□□□□□□□ □□□□□□□□□□□□□□□□□□□□

CENTURIAN PAPER 04

SONIC THERAPEUTICS

[illegible] — [illegible]

[illegible]

[illegible]: [illegible] [illegible] [illegible] **(0.5–4 Hz):** [illegible] [illegible] **(4–8 Hz):** [illegible], [illegible] [illegible] **(8–12 Hz):** [illegible], [illegible] [illegible] **(12–30 Hz):** [illegible], [illegible] [illegible] **(30–100 Hz):** [illegible], [illegible]

[illegible]: [illegible] [illegible] [illegible] [illegible] [illegible], [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

— 4.1 —

[illegible]

[illegible]

[illegible] **Binaural Beats**

[illegible] **Binaural beats** [illegible] [illegible] **200 Hz** [illegible] [illegible] **210 Hz** [illegible] [illegible] [illegible] **10 Hz** [illegible]

[illegible] [illegible]

[illegible]

[illegible] **Alpha (10 Hz):** [illegible] **10 Hz** [illegible] **Theta (6 Hz):** [illegible] **6 Hz** [illegible] **Delta (3 Hz):** [illegible] **3 Hz**

[illegible]:

* [illegible] [illegible] [illegible]

□□□

Theta (4-8 Hz) —
:
hypnagogic —
binaural beats **theta;** **20-30**
—

(8–12 Hz) — **:**
: **—**
binaural beats **;** **15–30**

(12–30 Hz) — **:** **,** **,**
Protocol: **binaural beats;**
; **15–30** **;**
:

40 **—** **—**
40
(glymphatic)
(**MIT**
) **40**
:
Protocol: **binaural**
isochronic **40 Hz** **30-60**

— 4.2 —

Harm Reduction Resource — Not Medical Advice | Crisis: 988 or 911 | 154

Isochronic Tones — [illegible] Binaural Beats

Isochronic tones [illegible] — [illegible] **10 Hz** [illegible] **10** [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] **binaural beats**

[illegible]: **isochronic tones** [illegible] [illegible] [illegible]

[illegible] **isochronic tones**
* [illegible] — [illegible]
* [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] **binaural beats** [illegible] [illegible] [illegible]

[illegible] — [illegible]

[illegible] **binaural beats** [illegible] **isochronic tones** [illegible] [illegible] [illegible]

[illegible]: [illegible] (**binaural beats** [illegible] **isochronic tones** [illegible])

[illegible] [illegible] [illegible] [illegible]

— 4.3 —

The Anthem Trap

[illegible]?

[illegible]: [illegible] [illegible]: [illegible] **binaural beats,** [illegible] **isochronic tones,** [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] "[illegible]" [illegible] [illegible] [illegible] [illegible] — [illegible] [illegible] [illegible] [illegible] — [illegible] [illegible] [illegible] [illegible]

[illegible]

END OF CENTURIAN PAPER 04 — SONIC THERAPEUTICS.

CENTURIAN PAPER 12

[illegible]

[illegible]

[illegible] — [illegible] [illegible] [illegible]

> [illegible]: [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] — [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

    * □□□□□□□□□□□□ **(□□□□□□□□□)** □□□□□□□□□□□□

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14:00 - 16:00 □.
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90–110 □□□□□□□□□□□□□□□, □□□□□□□□□□□□□□□□
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Genre — Activation and Motivation

□□□

[illegible]

[illegible] **(**[illegible]**, **[illegible]**, GHB) —** [illegible]
[illegible]**: GABA** [illegible] → [illegible] → [illegible]
[illegible] [illegible], [illegible], [illegible], [illegible]
[illegible], [illegible] [illegible] **—** [illegible]
[illegible] [illegible] [illegible]**:** [illegible];
[illegible]

[illegible] **(**[illegible] **1–5)**
* **60–70 BPM** [illegible] **—** [illegible]
* [illegible], [illegible], [illegible] **Gregorian chant**
* [illegible] **binaural beats: theta (4–8 Hz)** [illegible], **delta (0.5–4 Hz)** [illegible]
* [illegible] [illegible]
* [illegible] **—** [illegible]

[illegible] **(**[illegible] **6–14)**
* [illegible] [illegible] **70–80 BPM**
* [illegible] **acoustic,** [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] **(**[illegible], [illegible], [illegible]**) —** [illegible]
[illegible]**:**

* [illegible] → [illegible] → [illegible]
[illegible]
* [illegible]**:** [illegible], [illegible], [illegible], [illegible], [illegible]
* [illegible] [illegible] [illegible]
[illegible]

[illegible]**:** [illegible] **—** [illegible] [illegible]
[illegible]

[illegible] **(**[illegible] **1–7):**
* [illegible] **—** [illegible]
* **60–80 BPM,** [illegible], [illegible]
* [illegible]**:** [illegible], [illegible], [illegible], [illegible]
* [illegible] [illegible]
* [illegible]

[illegible] **(**[illegible] **7–21):**
* [illegible]
* **80–100 BPM,** [illegible], [illegible], [illegible] [illegible]
[illegible]
[illegible]
[illegible]
[illegible] **(**[illegible]**):** [illegible] **BPM** [illegible]
[illegible] [illegible]
[illegible]

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* [illegible] – [illegible] **80–100 BPM** [illegible]
* [illegible] – [illegible] **metal, drum and bass** [illegible] **electronic** [illegible]
* [illegible] **(**[illegible]**)** [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] **binaural beats** [illegible] [illegible] [illegible] [illegible] **15** [illegible] [illegible] [illegible]

[illegible]:
* [illegible]—[illegible]; [illegible] [illegible]
* [illegible]—**60–70 BPM** [illegible]; **100–120 BPM** [illegible]; [illegible]
* [illegible]—[illegible] [illegible]
* [illegible] **(**[illegible] **iso)**—[illegible] [illegible]
* [illegible]—[illegible]; [illegible]
* [illegible] **binaural beats** [illegible] **15** [illegible]—[illegible] [illegible]
* [illegible] — [illegible], [illegible] [illegible], [illegible] [illegible] — [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] [illegible] — [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] 18

[illegible]

[illegible] [illegible]...

— [illegible] —

[illegible]

[illegible] [illegible] [illegible] [

[illegible]: [illegible], [illegible], [illegible], [illegible], [illegible], [illegible], [illegible], [illegible], [illegible], [illegible]

[illegible]: [illegible], [illegible] **6,** [illegible], [illegible] [illegible] [illegible]

□□□

[illegible] 0.7 [illegible] 1 [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] 150 [illegible] [illegible] [illegible] 105 [illegible] 150 [illegible] [illegible] 35 [illegible] 50 [illegible] [illegible] [illegible]

[illegible]:

* [illegible] ([illegible], [illegible], [illegible])
* [illegible] ([illegible] 3)
* [illegible] ([illegible], [illegible])
* [illegible] ([illegible], [illegible], [illegible] B12, [illegible])
* [illegible] ([illegible])
* [illegible] ([illegible])
* [illegible] [illegible]

[illegible] [illegible] [illegible] — [illegible] — [illegible]: [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

□□□

[illegible]: [illegible], [illegible] [illegible] [illegible], [illegible] (Kratom [illegible], [illegible], [illegible]) [illegible] 6 [illegible] [illegible] 3

— 18.3 —

[illegible]

[illegible]

[illegible] — [illegible] [illegible] [illegible]

— 18.4 —

[illegible]

[illegible]

[illegible] **18 —** [illegible] [illegible], **GABA** [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] — [illegible], [illegible], [illegible], [illegible] — [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] **0.7** [illegible] **1** [illegible] [illegible] **— 30** [illegible] **50** [illegible] [illegible] [illegible]: [illegible], [illegible], [illegible], [illegible], [illegible], [illegible], [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [

[illegible], [illegible] **3** [illegible] [illegible] [illegible]

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[illegible]—[illegible] [illegible] [illegible]

[illegible]—**Anandamide**

Anandamide—[illegible] [illegible] [illegible]—[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] "[illegible]" [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] — [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [

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[illegible]

[illegible] — [illegible]
[illegible]: [illegible], [illegible], [illegible], [illegible], [illegible], [illegible], [illegible]
[illegible] **3** [illegible] **5** [illegible], [illegible] **30** [illegible] **60** [illegible]
[illegible], [illegible], [illegible] **BDNF** [illegible]
[illegible] — [illegible]
[illegible], [illegible]
[illegible] **2 (**[illegible]**)** [illegible]
[illegible]

[illegible]: [illegible], [illegible], [illegible]
[illegible], **Kettlebell**
[illegible] **2** [illegible] **4** [illegible]
[illegible] — [illegible] **Squat, Deadlift, Press, Row —** [illegible] [illegible]
[illegible] **(testosterone),**
[illegible] [illegible] **BDNF** [illegible]
[illegible] [illegible] — [illegible]
[illegible] — [illegible]
[illegible]

[illegible]
[illegible]
[illegible]

[illegible] **(High-Intensity Interval Training)** [illegible]
[illegible] [illegible]
[illegible] **BDNF** [illegible]
[illegible]

[illegible] — [illegible]
[illegible]
[illegible]

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[illegible]

[illegible]

[illegible]

END OF PROTOCOL 19 — THE BODY IN MOTION

— [illegible] —

[illegible] 3 — [illegible] [illegible]

[illegible], [illegible], [illegible], [illegible] [illegible] GLP-1

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible], [illegible], [illegible] [illegible] GLP-1 [illegible]

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[illegible] — [illegible]

[illegible] — [illegible] — [illegible]

[illegible] [illegible] [illegible]

*1. [illegible]: [illegible] [illegible] [illegible]

* [illegible]?
* [illegible]?

[illegible]

[illegible] 2.2

[illegible]

* [illegible]
* [illegible]
* [illegible]

[illegible] — [illegible]

THE CENTURION — [illegible] — [illegible]

[illegible] "[illegible]" [illegible] [illegible] [illegible]

[illegible]: [illegible] [illegible] [illegible]

[illegible], [illegible]), [illegible] [illegible], [illegible], [illegible] [illegible], [illegible] **C-29** [illegible]—[illegible] [illegible] [illegible]: [illegible], [illegible] [illegible], [illegible] [illegible] **THE EMOTIONAL FUNCTION:** [illegible] **Identity** [illegible] — [illegible] **Escape** [illegible] [illegible] **THE WARNING SIGNS:** [illegible] [illegible]: [illegible], [illegible] [illegible], [illegible] [illegible]: [illegible] — [illegible] [illegible] [illegible]

* [illegible] **—** [illegible]: [illegible] **24** [illegible] **48** [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] — [illegible]

[illegible], [illegible], [illegible]

[illegible], [illegible], [illegible]

Sex / [illegible]

[illegible] — [illegible]

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[illegible], [illegible], [illegible]

[illegible], [illegible], [illegible]

[illegible]

[illegible] + [illegible] — [illegible]

[illegible], [illegible], [illegible]

[illegible], [illegible], [illegible]

[illegible] 2.3

[illegible]

[illegible] — [illegible]

THE CENTURION — [illegible].

[illegible]: [illegible] [illegible] [illegible]

[illegible]: [illegible] (URGE SURFING):
1. [illegible] [illegible] [illegible] [illegible] [illegible] "[illegible] [illegible]"
*2. [illegible]? [illegible]? [illegible]? [illegible]? [illegible] [illegible] [illegible] [illegible] [illegible]

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*[illegible] [illegible]
[illegible] [illegible]
[illegible]—[illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible]
[illegible]*

*[illegible]: [illegible] [illegible] [illegible]—
[illegible]: [illegible]/[illegible] → [illegible]: [illegible]
[illegible]: [illegible], [illegible], [illegible]
[illegible] — [illegible] C-27 [illegible] C-29.
[illegible]/[illegible] → [illegible]: [illegible] [illegible]: [illegible]
[illegible], [illegible], [illegible]
[illegible] C-29 — [illegible] [illegible]
[illegible].
[illegible]/[illegible] → [illegible]: [illegible] [illegible]: [illegible]
[illegible], [illegible], [illegible] [illegible]
[illegible]. [illegible]
[illegible]/[illegible] → [illegible]: [illegible]
[illegible]: [illegible], [illegible], [illegible]
[illegible] [illegible]
[illegible]/[illegible] → [illegible]: [illegible]
[illegible]: [illegible], [illegible]
[illegible], [illegible]
[illegible]*

*[illegible]:
"[illegible]?"
"[illegible]—[illegible]?"
[illegible] [illegible] [illegible]
[illegible] [illegible]*

[illegible] 2.4

[illegible]

[illegible] — [illegible]

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1. [illegible] [illegible] [illegible]—[illegible], [illegible], [illegible], [illegible], [illegible], [illegible], [illegible]—[illegible]
[illegible] [illegible]
2. [illegible] [illegible] [illegible]
[illegible] [illegible], [illegible] "[illegible]" [illegible]
[illegible]
3. [illegible]: [illegible]: [illegible] **Sex/[illegible]**
[illegible]: [illegible] **Gaming:** [illegible] **Shopping:** [illegible]

[illegible], [illegible], [illegible]... [illegible]

4. [illegible]:
   * [illegible] (**[illegible]**)
   * [illegible] (**[illegible] — [illegible]**)
   * [illegible] (**[illegible] — [illegible]**)
   * [illegible] (**[illegible]**)

5. [illegible]:
   [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

6. [illegible]:
   [illegible]... [illegible]: [illegible]? [illegible]? [illegible]? [illegible]? [illegible]? [illegible]? [illegible]? [illegible] [illegible]

7. [illegible] **(CROSS-AUDIT)** [illegible] [illegible] [illegible] [illegible] [illegible]

THE CENTURION — [illegible]

[illegible]—[illegible]—[illegible] [illegible] [illegible] [illegible]: [illegible] [illegible] [illegible]? [illegible]? [illegible]—[illegible] [illegible] [illegible] [illegible]? [illegible]... [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

Crisis Resources: 988 (Suicide & Crisis Lifeline) | Crisis Text: Text HOME to 741741 | SAMHSA: 1-800-662-4357

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[illegible]

[illegible]

[illegible]

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[illegible] SANCTUARY — [illegible] — [illegible]

[illegible]

[illegible]:
iPhone: [illegible] → [illegible] → [illegible] → [illegible] → [illegible] → [illegible] ([illegible])
Android: [illegible] → [illegible] → [illegible] → [illegible] → [illegible] ([illegible])

[illegible]

[illegible] SANCTUARY — [illegible] — [illegible]

[illegible]: [illegible] → [illegible] → [illegible] → [illegible]: [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]: [illegible] **Night Shift** [illegible] [illegible]: [illegible]: [illegible] [illegible] [illegible]: [illegible] [illegible] [illegible] [illegible] [illegible]

THE CENTURION — [illegible]

[illegible] [illegible] [illegible] [

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[illegible]: [illegible] [illegible]: [illegible] [illegible], [illegible], [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible].

[illegible]:
iPhone: [illegible] → [illegible] [illegible] [illegible] [illegible] "[illegible]" [illegible] [illegible] "[illegible]" [illegible]
Android: [illegible] → [illegible] [illegible] — [illegible] [illegible] [illegible] **Digital Wellbeing** [illegible]

[illegible]:
[illegible] "[illegible]" [illegible] — [illegible]
[illegible]:
* [illegible]
* [illegible]
* [illegible]
* [illegible]
* [illegible]

[illegible]:
[illegible] — [illegible] [illegible] [illegible]

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[illegible] [illegible] [illegible] 80 [illegible] 150 [illegible] [illegible]

[illegible]:
1. [illegible]:
*   * [illegible]: [illegible] (8 [illegible])*
*   * [illegible]: [illegible] (12 [illegible])*
*   * [illegible]: [illegible] (4 [illegible])*
*   * [illegible]: [illegible] (7 [illegible])*
*   [illegible] [illegible]*

2. [illegible]:
*   * [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]*

*3. [illegible]: [illegible] [illegible], [illegible], [illegible] "[illegible]" [illegible] [illegible] [illegible]

7. [illegible], [illegible] [illegible]
[illegible]: [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], [illegible]

8. [illegible] [illegible], [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

THE CENTURION — [illegible]

[illegible]: [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

CENTURIAN PAPER 14

[illegible]

[illegible]

[illegible]

[illegible]: [illegible] [illegible] [illegible] [illegible] [illegible] **MTHFR variants, COMT polymorphisms, DRD2 receptor density** [illegible] [illegible] [illegible] [illegible] **A/B** [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] → [illegible] → [illegible] [illegible] ([illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible])

COMT Val/Val

[illegible] → [illegible] → [illegible]

COMT Met/Met

[illegible] → [illegible] → [illegible]

DRD2 Variants

[illegible] → [illegible] → [illegible]

SLC6A4 ([illegible])

[illegible] → [illegible] → [illegible]

OPRM1 ([illegible])

[illegible] → [illegible]

[illegible] BDNF

[illegible]

[illegible]
[illegible]: [illegible] ([illegible]); [illegible] ([illegible]); [illegible] ([illegible]); [illegible] ([illegible], [illegible])
[illegible]
[illegible] **MTHFR + COMT + DRD2** [illegible]
[illegible]
[illegible]
[illegible]... [illegible].

[illegible]:

[illegible]: [illegible] '[illegible]'
[illegible]: [illegible] **depleted** [illegible]
[illegible]: [illegible]
[illegible]: [illegible]
[illegible]: [illegible]
[illegible]: '[illegible]'
[illegible]: [illegible]

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[illegible] [illegible]
[illegible] [illegible]

— 14.3 —

[illegible]

[illegible]

[illegible]

[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] "[illegible]" [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible]

[illegible] [illegible]
[illegible] [illegible]

[illegible] **1 —** [illegible] **(**[illegible] **1–3)** [illegible]:
* **TikTok (**[illegible]**)**
* **Instagram (**[illegible] **+** [illegible]**)**
* **Twitter/X (**[illegible] **+** [illegible]**)**
* [illegible] **YouTube (**[illegible] **—** [illegible]**)**
[illegible]: [illegible]; [illegible]
[illegible]; [illegible]
[illegible]; [illegible]
[illegible]: [illegible] **(**[illegible] **10** [illegible]**)**; [illegible]
[illegible]; [illegible] [illegible]
[illegible] [illegible]. [illegible] [illegible]
[illegible].

[illegible] **2 —** [illegible] **(**[illegible] **4–14)** [illegible]:

[illegible]: [illegible] **60** [illegible]
[illegible]: [illegible]
[illegible]: [illegible]
[illegible]: [illegible] **90** [illegible]
[illegible]: [illegible] **3** [illegible] [illegible] **15** [illegible]
[illegible]

[illegible]:
[illegible] → [illegible]
[illegible] → [illegible], [illegible], [illegible]
[illegible] → [illegible], [illegible], [illegible]
[illegible]
[illegible] → [illegible] [illegible]

[illegible]: [illegible] [illegible] **[**[illegible]**];** [illegible]
[illegible]; [illegible] **(**[illegible]

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[illegible]: [illegible] [illegible] [illegible]

[illegible]; [illegible]
[illegible] — [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible]
30 [illegible] — [illegible] **1** [illegible], [illegible] **2** [illegible], [illegible] **3** [illegible], [illegible] **4** [illegible]; [illegible] [illegible]

[illegible]: [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [

[illegible] 13

[illegible]

[illegible]

[illegible]: [illegible] [illegible] [illegible]

[illegible] — [illegible]

[illegible] [illegible] [illegible] [

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OPIOIDS: [illegible] — [illegible] [illegible] [illegible]

[illegible]

*7. [illegible]: [illegible] (Ativan): [illegible] [illegible] [illegible] (Klonopin): [illegible] [illegible] (Valium): [illegible] [illegible] [illegible] (Xanax): [illegible] [illegible] [illegible]

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[illegible] CHRONIC PAIN: [illegible] 14 ([illegible]) [illegible]: [illegible] (Benzodiazepines), [illegible] (Opioids), [illegible] (Gabapentinoids?), [illegible] [illegible]

[illegible] 13.4

[illegible]

[illegible]: [illegible]

🏛 SANCTUARY — [illegible] 13 — [illegible]

1. [illegible] "[illegible]" [illegible]

2. [illegible]:
* **Benzodiazepines:** [illegible],
* **Opioids:** [illegible] **(MAT)**
* [illegible]:
* [illegible]:
* **Gabapentinoids:** [illegible]

3. [illegible]:
* [illegible] **Benzodiazepine** [illegible]
* [illegible] **Opioid** [illegible]
* [illegible] [illegible] **10** [illegible] **25** [illegible]

5. [illegible]

6. [illegible],

7. [illegible]**:** [illegible]**:** [illegible]**?** [illegible] *[illegible]* [illegible]

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Centurion [illegible] "[illegible]" [illegible]

[illegible] Centurion [illegible]: [illegible] "[illegible]" [illegible] [illegible] [illegible]

CENTURIAN PAPER 22

[illegible] "[illegible]"

[illegible]

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[illegible]: [illegible]
[illegible]: [illegible] "[illegible]" [illegible] "[illegible] [illegible]" [illegible] [illegible] "[illegible]" [illegible] "[illegible]" [illegible] [illegible] "[illegible]" [illegible] [illegible] [illegible] "[illegible]" [illegible] [illegible] "[illegible]" [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] **6-12** [illegible] [illegible] [illegible] [illegible] "[illegible] [illegible]" [illegible]: [illegible] = [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

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— 22.2 —

[illegible]

[illegible] "[illegible]" [illegible]

[illegible]: [illegible] COMT — ADHD [illegible] Stimulant

COMT [illegible]
Val/Val ([illegible]) = [illegible] = [illegible]
Met/Met ([illegible]) = [illegible] = [illegible]

[illegible]: [illegible] → [illegible] ADHD → [illegible] amphetamine [illegible] methylphenidate

[illegible] Met/Met ([illegible]): [illegible] stimulant [illegible]: '[illegible]!' ([illegible], [illegible])
2-4 [illegible]: [illegible], [illegible], [illegible]
2-3 [illegible]: [illegible], [illegible], [illegible] stimulant
1 [illegible]: [illegible], [illegible], [illegible], [illegible]

[illegible] — [illegible]... [illegible] "[illegible] COMT [illegible]?" [illegible]: [illegible] — [illegible], [illegible], [illegible], [illegible]

**[illegible] (D2) [illegible] ([illegible] → [illegible]) [illegible]: [illegible] → [illegible] → [illegible] → [illegible] "[illegible]" → "[illegible]" [illegible] "[illegible]" [illegible]: [illegible] — [illegible] [illegible]: [illegible] [illegible], [illegible], [illegible] — "[illegible]" [illegible] [illegible], [illegible], [illegible] [illegible] [illegible]

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10–25% □□□□ 1–2 □□□□□□□□
1-3 □□□□□
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10% □□□□ 4 □□□□□□□□ □□□□□□□□□□□□□□□□
6–18 □□□□□
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[illegible] **FDA ≠** [illegible] [illegible] **6-12** [illegible] [illegible] **COMT, MTHFR, CYP450** [illegible] [illegible] [illegible] [illegible] [illegible] **=** [illegible]**:** [illegible] [illegible] [illegible]

[illegible]**:** [illegible]**,** [illegible]**,** [illegible]**,** [illegible]**;** [illegible] [illegible] [illegible] [illegible] [illegible] **—** [illegible]; [illegible] **10%** [illegible] **2-4** [illegible]; [illegible] [illegible] [illegible] **—** [illegible] [illegible]**; Ashton Protocol;** [illegible] [illegible]**;** [illegible] **—** '[illegible]**?**' '[illegible]**?**' '[illegible]**?**' [illegible] [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible]**:** [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] **(EXIT PLANNING)** [illegible] **Recovery Kernel:** [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] "[illegible] [illegible]" [illegible] "[illegible]" [illegible] [illegible] "[illegible]" [illegible] [illegible] [illegible] [illegible]**.**

END OF CENTURIAN PAPER 22 — THE PHARMA-TRAP PROTOCOL.

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[illegible]

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* [illegible]
* [illegible]
* [illegible]

1. [illegible]: [illegible] [illegible] [illegible]

[illegible]

[illegible] 14.2

[illegible]

[illegible] - [illegible]

THE CENTURION — [illegible] — [illegible]

[illegible], [illegible], [illegible] [illegible] [illegible]. [illegible], [illegible], [illegible], [illegible]. [illegible]. [illegible]: [illegible]. [illegible]. [illegible]. [illegible]. [illegible]

[illegible] — [illegible]?

[illegible]

NSAIDs (Ibuprofen, Naproxen, Celecoxib): [illegible]: [illegible]

acetaminophen [illegible]

ACETAMINOPHEN (Tylenol): [illegible] NSAIDs — [illegible]

[illegible]: [illegible] [illegible] [illegible] (Flexeril, Robaxin, Baclofen): [illegible] [illegible] [illegible] — [illegible] [illegible] [illegible] [illegible] (Gabapentin, Lyrica): [illegible] [illegible] [illegible] [illegible] Protocol 13 [illegible]

*[illegible] (Cymbalta, Amitriptyline): [illegible] [illegible] fibromyalgia, [illegible] [illegible] [illegible] [illegible]

None
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*   [illegible] — [illegible] ([illegible]), [illegible] [illegible] ([illegible]), [illegible] ([illegible])
*   [illegible] — [illegible] [illegible] [illegible]
*   [illegible] 4-7-8 [illegible] 01
*   [illegible] (Acceptance and Commitment Therapy - ACT) — [illegible] [illegible] [illegible] [illegible] [illegible]
*   [illegible] (Pain Reprocessing Therapy - PRT) — [illegible] [illegible] [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

MBSR
[illegible] 8 [illegible]
[illegible], [illegible]
[illegible], [illegible]
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*   [illegible]
*   [illegible]
*   [illegible]
*   [illegible] (fibromyalgia)
*   [illegible] (rheumatoid arthritis)
*   [illegible]
*   [illegible] (complex regional pain syndrome)

[illegible]
[illegible] / [illegible]
[illegible] + [illegible] + [illegible]
[illegible]
[illegible], [illegible], [illegible]
[illegible]
[illegible]
[illegible]
[illegible]

ACT / PRT
□□□

[illegible]. [illegible] [illegible] — [illegible]. [illegible] [illegible].

[illegible] SANCTUARY — [illegible] Naltrexone — [illegible]

Naltrexone (Vivitrol) [illegible] [illegible] [illegible] [illegible] [illegible] naltrexone [illegible] [illegible] naltrexone [illegible] [illegible]: [illegible] [illegible] [illegible] naltrexone [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] 14.4

[illegible]

[illegible]: [illegible]

[illegible] SANCTUARY — [illegible] 14 — [illegible]

1. [illegible]: [illegible], [illegible], [illegible], [illegible], [illegible]
2. [illegible]: [illegible] **(vedana)** [illegible] **(dukkha)** [illegible]
3. [illegible]: [illegible]: **NSAIDs, acetaminophen,** [illegible], [illegible]: [illegible], [illegible], **MBSR,** [illegible], **ACT** [illegible]
4. [illegible]: [illegible]
5. [illegible]

[illegible]
[illegible]
[illegible]: [illegible], [illegible]
[illegible], [illegible]
[illegible]
6. [illegible]
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[illegible] [illegible] [illegible]
[illegible]

THE CENTURION — [illegible]

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[illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] "pharmakon" [illegible] [illegible]
[illegible] [illegible]
[illegible]—[illegible] [illegible]
[illegible], [illegible], [illegible], [illegible], [illegible]
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[illegible]—[illegible]
[illegible] [illegible]
[illegible]—[illegible]
[illegible] — The Centurion

Crisis Resources: 988 (Suicide & Crisis Lifeline) | Crisis Text: Text HOME to 741741 | SAMHSA: 1-800-662-4357

CENTURIAN PAPER 23

[illegible]

[illegible]

[illegible]

[illegible]: [illegible] "[illegible]" [illegible] [illegible] "[illegible]" [illegible] **DEA,** [illegible] [illegible], [illegible] [illegible] "[illegible] [illegible]", [illegible], [illegible] [illegible] [illegible]: [illegible] "[illegible]" [illegible]; [illegible] "[illegible]" [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]: "[illegible]" [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

— 23.1 —

[illegible]

[illegible]

[illegible] [illegible] [illegible] [illegible]

[illegible]: [illegible] → [illegible] [illegible] [illegible] '[illegible]' → [illegible] → [illegible] [illegible] → [illegible] '[illegible]' → [illegible], [illegible] [illegible] [illegible] → [illegible] [illegible] (**[illegible]**) → [illegible] *[illegible]*

[illegible]: [illegible] [illegible]

[illegible] — [illegible] [illegible] [illegible] [illegible] [illegible] **PSEUDO-ADDICTION:** [illegible] [illegible] (**[illegible], [illegible], [illegible]**) [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible]

[illegible] **2 —** [illegible] **"**[illegible]**" (CYP2C9)**

[illegible]**:** [illegible] **opioid →** [illegible] **OTC** [illegible] **"**[illegible]**": "**[illegible]**" →** [illegible] [illegible] **CYP2C9** [illegible] **Intermediate** [illegible] **Poor Metabolizer →** [illegible] **NSAIDs** [illegible] [illegible] [illegible] **→** [illegible]**:** [illegible] [illegible], [illegible], [illegible] **→ "**[illegible]**"** [illegible]

CYP2C9 [illegible] **NSAIDs** [illegible]**:** [illegible], [illegible], [illegible], [illegible], [illegible]

* **CYP2C9 Intermediate Metabolizers:** [illegible] **25–35%** [illegible]
* **CYP2C9 Poor Metabolizers:** [illegible] **2–3%**

[illegible] [illegible] **2-4** [illegible] [illegible]

"[illegible]" [illegible]

[illegible] **[**[illegible]**]**

[illegible].

[illegible] **3 —** [illegible] **(COMT +** [illegible]**)**

[illegible]**:** [illegible] **→** [illegible] [illegible] **'**[illegible]**'** (**[illegible] 10** [illegible]**) →** [illegible] [illegible] **COMT** [illegible] **Met/Met (**[illegible] **genotype** [illegible]**) →** [illegible] [illegible] **→** [illegible]**:** [illegible], [illegible], **"**[illegible]**"** [illegible] **→** [illegible] [illegible] **'**[illegible]**' →** [illegible], [illegible] [illegible] **→** [illegible] [illegible]

[illegible] **COMT** [illegible] **Met/Met:** [illegible] **=** [illegible]**;** [illegible] [illegible]**;** [illegible] [illegible] [illegible]

□□□□□□□□□□□□□□□□□□□□ **NSAID** □□□□□□□□□□□□□□□□□□□□ (□□□□□□□□□□□□□□□□□□□

~30–35%
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CYP2D6 — □□□□□□□□□□□□□

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[illegible]

END OF CENTURIAN PAPER 23 — [illegible]

[illegible] 37

[illegible]

[illegible] [illegible] [illegible]

— [illegible]: [illegible] [illegible] —

[illegible]: [illegible] [illegible]—[illegible] [illegible] [illegible] [

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* [illegible] "[illegible]"
[illegible]—[illegible]
[illegible]—[illegible]

[illegible] — [illegible]

[illegible]—[illegible]—[illegible]

[illegible]

[illegible] **(convergence insufficiency)** [illegible]

[illegible] **(ADHD)** [illegible]

[illegible]

[illegible] "[illegible]" **(tinnitus)** [illegible] **(audiometric)** [illegible] **TMJ (**[illegible]**)** [illegible]**:** [illegible]

[illegible]—[illegible], [illegible], [illegible]—[illegible]: [illegible]: [illegible] **18 (**[illegible]**)**

[illegible] "[illegible]" [illegible]

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19 ()

— 37.3 —

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* **:**

COMT —

COMT **(prefrontal cortex)** **Val158Met**

* **(Val/Val):**
* **(Met/Met):**

: **"** **"** **...** **COMT** **COMT**

Val/Val —

-

;

—

Met/Met —

-

:

Val/Met —

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MTHFR — **: Methylenetetrahydrofolate reductase** **methylfolate** **DNA** **homocysteine** **30** **70** **MTHFR** **...**

MTHFR Status

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C677T □□□□□□□□□□□□□□□

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- [illegible] [illegible] MTHFR
- [illegible]
- [illegible], [illegible], [illegible]
- NAC (N-Acetyl Cysteine), [illegible]
- [illegible]
- [illegible]
- [illegible], [illegible], [illegible]
- [illegible], [illegible], [illegible], [illegible]
- [illegible]

— 37.5 —

[illegible]

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[illegible]

- [illegible]
- [illegible]
- [illegible]

[illegible]

[illegible]

* [illegible]
* [illegible] **GABA** [illegible]
* [illegible] **ADHD** [illegible]
* [illegible] **mu-opioid** [illegible]
* [illegible] **SSRI** [illegible]

[illegible]

[illegible]

* [illegible]
* [illegible]
* [illegible]
* [illegible] — [illegible]
* [illegible] — [illegible] **COMT, MTHFR, CYP450 enzyme variants?**
* [illegible]

— 37.6 —

The Reframe

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] [illegible].

"[illegible] [illegible] [illegible] [

[illegible]

[illegible] [illegible]
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[illegible] [illegible] – [illegible]
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[illegible] – [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible]: [illegible]? [illegible]? [illegible]
[illegible]? [illegible]? [illegible]
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[illegible], [illegible], [illegible]
[illegible], [illegible]
[illegible] [illegible]
[illegible]... [illegible]
[illegible]
[illegible]

[illegible] **37 —** [illegible]

[illegible] 44

[illegible] GLP-1 [illegible]

[illegible] — [illegible] 2023-2026 [illegible] Semaglutide, Tirzepatide [illegible]

[[illegible]: [illegible], [illegible], [illegible], [illegible]]

— [illegible] —

[illegible]: [illegible] GLP-1 [illegible] (FDA) [illegible] 2 [illegible] 0 [illegible] 2026 [illegible] FDA [illegible] C [illegible] ([illegible]), [illegible], [illegible], [illegible]

[illegible]: [illegible]

[illegible] 2023 [illegible] 2024 [illegible] semaglutide [illegible] tirzepatide [illegible]: [illegible] GLP-1 [illegible] [illegible] 2025 [illegible] 2026 [illegible] GLP-1 [illegible] — [illegible] nucleus accumbens, ventral tegmental area [illegible] prefrontal cortex [illegible] "[illegible]" [illegible] 2026 [illegible]—[illegible]—[illegible]

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— 44.1 —

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□□ GLP-1 agonists □□?

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[illegible]

[illegible]

[illegible] 2026 [illegible] [illegible] [illegible]

Tirzepatide [illegible] **Tirzepatide** [illegible] **(Mounjaro** [illegible]**, Zepbound** [illegible]**)** [illegible] **GIP (glucose-dependent insulinotropic polypeptide)** [illegible] **GLP-1** [illegible] [illegible] **15–20%** [illegible] **semaglutide** [illegible] **10–15%** [illegible] [illegible] **2025–2026** [illegible] **Tirzepatide** [illegible] [illegible] **semaglutide** [illegible] [illegible] [illegible] **Tirzepatide** [illegible] **semaglutide** [illegible] [illegible] [illegible] **Orforglipron** [illegible] **GLP-1** [illegible] [illegible] [illegible] **Retatrutide** [illegible] [illegible] **GLP-1, GIP** [illegible] [illegible] **24%** [illegible] [illegible] [illegible]

[illegible] [illegible] — [illegible] (FDA), [illegible] [illegible]:

[illegible]

[illegible] **(Rx.)**

[illegible]

[illegible] [illegible] **2025–2026**

Semaglutide (Ozempic / Wegovy)

[illegible] 2 ([illegible] 2017); [illegible] ([illegible] 2021)

[illegible] GLP-1 — [illegible]

[illegible] 50-60%; [illegible] 40% [illegible]; [illegible]

[illegible] (Mounjaro / Zepbound)

[illegible] 2 ([illegible] 2022); [illegible] ([illegible] 2023)

[illegible] GLP-1 [illegible] GIP [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible]

Survodutide ([illegible] Boehringer Ingelheim)

[illegible] 2/3 [illegible] 2026

[illegible] GLP-1 [illegible]

[illegible]; [illegible] 2-3 [illegible]

Orforglipron ([illegible] [illegible] [illegible])

[illegible] 3

□□ GLP-1 □□□□□□□□□□□□□—□□□□□□□□□□□□□□□ □□□□□□□□□□□□□; □□□□□□□□□□□□□□□□

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[illegible]

[illegible] **GLP-1** [illegible]

[illegible] **1 — [illegible] ([illegible] GLP-1 [illegible])**
* [illegible]
* [illegible]
* [illegible] "[illegible]" [illegible]
* [illegible]

[illegible] **2 — [illegible] (**[illegible]**)**
* [illegible] **opioid —** [illegible] **GLP-1** [illegible]
* [illegible] **—** [illegible] **GLP-1** [illegible]

[illegible] **3 — [illegible] (**[illegible]**)**
* [illegible] **(CBT)** [illegible]
* [illegible] [illegible] [illegible]

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* [illegible]
* [illegible]
* [illegible]
* [illegible]
* [illegible]
* [illegible]

[illegible]:

[illegible] **44** [illegible]:
[illegible] **promising** [illegible]

[illegible]: [illegible] **GLP-1 agonists** [illegible] — [illegible], [illegible], [illegible]:
[illegible] **1** [illegible] **43** [illegible] **44** [illegible] **1** [illegible] **43** [illegible].

[illegible] **44 —** [illegible] **GLP-1** [illegible]

[illegible] Recovery Kernel — [illegible] 1 [illegible] 44 [illegible]

CENTURIAN PAPER C-34

[illegible]

[illegible] — [illegible], [illegible] [illegible] [illegible]

— [illegible], [illegible] [illegible], [illegible] 1998 —

[illegible] — [illegible] **C-34.001** — [illegible]

[illegible] **1998** [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] **1998**
[illegible]
[illegible]
[illegible]
[illegible]

[illegible]

[illegible]

> [illegible] **(chlorpromazine)** [illegible] **(promethazine)** [illegible]
>
> **Henri Laborit** [illegible] **...** [illegible] **Rhône-Poulenc** [illegible] **chlorpromazine** [illegible] **Laborit** [illegible] "[illegible]" [illegible] **Laborit** [illegible] **chlorpromazine** [illegible] **chlorpromazine** [illegible] **1952** [illegible] **1954** [illegible] **Thorazine** [illegible]

[illegible]:

- [illegible]
- [illegible]
- [illegible]
- [illegible]

[illegible] (Thorazine)

[illegible]; [illegible] Rhône-Poulenc [illegible] 1950

[illegible] / [illegible] – [illegible]

[illegible]; [illegible] 1954 [illegible];

□□□□□□□□□□□□□ (Haldol)

□□□□□□□□□□□□□□□□□□□□ Janssen Pharmaceutica □□□□ 1958 □□□□□□□□□□□□□□□□□□□□□□□□□□

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[redacted]

[redacted]

*   **[redacted] — [redacted]:** [redacted] [redacted] **Recovery Kernel** [redacted] [redacted] **nucleus accumbens** [redacted] [redacted] [redacted] [redacted] [redacted] **GLP-1 agonists (**[redacted] **44)** [redacted] [redacted] [redacted] [redacted]—[redacted] [redacted]—[redacted] [redacted] [redacted] [redacted] [

[illegible] 1950 [illegible]

[illegible]:

[illegible]

[illegible]

[illegible]

[illegible] (TD)

[illegible]

[illegible]

[illegible]

[illegible] (Tardive Tremor) / [illegible] (Essential Tremor)

[illegible]

[illegible] (tremor [illegible])

[illegible]

[illegible] (Akathisia)

[illegible]

[illegible] (Neuroleptic Malignant Syndrome - NMS)

[illegible]: [illegible], [illegible], [illegible]; [illegible] 10-20% [illegible]

[illegible]; [illegible]; [illegible]; [illegible]

[illegible]—[illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] **D2** [illegible] [illegible] **(upregulation)** [illegible] [illegible] **D2** [illegible] [illegible]—[illegible] [illegible]—[illegible] [illegible] **nigrostriatal** [illegible] **tardive dyskinesia** [illegible] [illegible] [illegible] **1970** [illegible] [illegible] [illegible] [illegible]

— C-34.4 —

[illegible]

[illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [

[illegible]
[illegible] **(antipsychotic)** [illegible]
[illegible]

[illegible]**:** [illegible]
[illegible]—[illegible]
[illegible]**…** [illegible]

[illegible] **—** [illegible]

[illegible]
[illegible]—[illegible]
[illegible]: [illegible] **20-30%** [illegible]

— C-34.5 —

[illegible]

[illegible] [illegible]
[illegible]

[illegible]

[illegible]

[illegible] [illegible]:

[illegible]
[illegible]
[illegible]

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[illegible]

[illegible] **(antipsychotics)** [illegible]

[illegible] **1998**

[illegible] **Recovery Kernel**

[illegible] **nigrostriatal** [illegible]

Recovery Kernel [illegible] — [illegible], [illegible], [illegible] **C-33** [illegible] **26** [illegible]

[illegible] CENTURIAN [illegible] C-34 — [illegible]

— [illegible] 3 —

[illegible] 4 — [illegible] [illegible]

[illegible], [illegible], [illegible], [illegible], [illegible]

[illegible] [illegible] [illegible] [

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[illegible]

[illegible] — [illegible]

[illegible] SANCTUARY — [illegible] — [illegible]

[illegible]: [illegible] [illegible] [illegible]

: **ABC —** **02** **DISARM** **:** **"** **"** **AA** **: www.smartrecovery.org** **24**

SANCTUARY — DHARMA RECOVERY —

: **"Refuge Recovery"** **"Recovery Dharma"** **:** **(** **Centurion** **Protocol 02)** **"tare"** **C-29** **—** **"** **"**

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* **(** **)** **(** **)**
* **—** **"** **"** **02**
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* **(** **)**

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Women for Sobriety
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[illegible] — [illegible]: [illegible] [illegible] [illegible]

□□□□□□□□ **SMART** □□ **LifeRing** □□□□□□□□□ □□□□□□□□□□□□□□□□□□□□□□□□□□□□ □□□□□□□□□□□□□□□□□□□□

CENTURIAN PAPER 13

[illegible]

[illegible]

[illegible] [illegible] [illegible]

> [illegible]: [illegible] [illegible] **12** [illegible] [illegible] [illegible]

□□□

[illegible], [illegible], [illegible] — [illegible] — [illegible] [illegible] [illegible] [illegible]

[illegible]: [illegible] [illegible]: [illegible]; [illegible] [illegible]; [illegible] [illegible]; [illegible] [illegible]; [illegible] [illegible]

[illegible]: [illegible] + [illegible] + [illegible] + [illegible] + [illegible] [illegible] **12** [illegible]

[illegible] [illegible]:

[illegible]

[illegible]

[illegible]

[illegible] [illegible]

[illegible]

[illegible], [illegible], [illegible] [illegible] —[illegible]

[illegible]

[illegible] [illegible]

"[illegible]"

[illegible]: SMART, LifeRing, Refuge Recovery, [illegible], [illegible]

"[illegible]"

[illegible] [illegible]

'[illegible]/[illegible]'

[illegible] [illegible] [illegible] [illegible]

'[illegible] 90 [illegible] [illegible] 90 [illegible]'

[illegible] [illegible]

[illegible] **—** [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]:

* "[illegible]" — [illegible] **(Suboxone, methadone, naloxone)** [illegible]
* "[illegible]" — [illegible]
* "[illegible]" — [illegible]

[illegible]:

* [illegible] ([illegible]...) [illegible]; [illegible] **(MAT)** [illegible]; [illegible] (**[illegible]**); [illegible] [illegible]: [illegible] **1935** [illegible]—[illegible]

— 13.2 —

[illegible]

* [illegible]
* [illegible]
* [illegible]
* [illegible]
* [illegible]
* [illegible]

[illegible]

* *[illegible]*
* *[illegible]*
* *[illegible]*

[illegible]:

[illegible] — [illegible]

[illegible]: [illegible] **20** [illegible]; [illegible] (**[illegible]**); [illegible] (**[illegible]**); [illegible]; [illegible] **Default Mode Network** [illegible]; [illegible] **NK (natural**

killer cells) □□□□□□□□□□

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* [illegible]/[illegible]: [illegible]
* [illegible]/[illegible]: [illegible] [illegible]
* [illegible]: [illegible] [illegible] **(vagal toning)** [illegible]
* [illegible]: [illegible] [illegible]

[illegible] — [illegible] **15-20** [illegible] [illegible] **YouTube** [illegible]

[illegible] — [illegible] [illegible] **(**[illegible]**, PTSD,** [illegible]**):** [illegible] — [illegible]**,** [illegible]**,** [illegible]**;** [illegible]

* [illegible] **(**[illegible]**):** [illegible] — **interval,** [illegible]**;** [illegible]
* [illegible] **(**[illegible] **opioid):** [illegible] — [illegible]**,** [illegible]**;** [illegible]
* [illegible] **(**[illegible]**):** [illegible] — [illegible]**,** [illegible]

— 13.3 —

[illegible]

[illegible]

[illegible] — [illegible]

[illegible]**, Adderall** [illegible] **(receptors)** [illegible]**:**
* [illegible] **(anhedonia):** [illegible]
* [illegible] **(profound fatigue),** [illegible] **(hypersomnia)**
* [illegible] **(motivation void):** [illegible]**,** [illegible]
* [illegible] **(cognitive fog)**

[illegible] — [illegible] **passive** [illegible] — [illegible] [illegible]

[illegible] **1–2 ([illegible])**
* [illegible] — [illegible]
* [illegible]: [illegible], [illegible], [illegible]
* [illegible]
* [illegible] **([illegible])**

[illegible] **3–6 ([illegible])**
* [illegible] [illegible] [illegible] [illegible] **:** [illegible] [illegible] **([illegible] [illegible] = [illegible])**, [illegible] [illegible], [illegible] [illegible] [illegible] [illegible]

[illegible] — [illegible] [illegible]: [illegible], [illegible], [illegible] [illegible] — [illegible] [illegible]: [illegible], [illegible] [illegible]: [illegible] [illegible]: [illegible] [illegible] [illegible]: [illegible], [illegible], [illegible] [illegible] **(**[illegible] **2–4):** [illegible] [illegible]: [illegible], [illegible], [illegible] **(**[illegible]
[illegible]: [illegible] **GABA** [illegible]

[illegible] – [illegible]: [illegible] [illegible] [illegible]

* [illegible] [illegible] [illegible] – [illegible] [illegible]

* [illegible] [illegible] – [illegible] [illegible]

* [illegible] [illegible] [illegible] – [illegible] [illegible] **Benzodiazepines** [illegible] [illegible] [illegible] — [illegible]: [illegible]; [illegible]; [illegible]
[illegible] **Cannabis** [illegible] [illegible] [illegible] — [illegible]: [illegible]; [illegible] [illegible]; [illegible] "[illegible]"
[illegible] **MDMA** [illegible] [illegible] [illegible] — [illegible]: [illegible]; [illegible]

[illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible]

[illegible] [illegible]

— 13.4 —

[illegible]

[illegible]

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* *findahelpline.com*
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hypoaroused [illegible]; [illegible]
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[illegible] — [illegible]
[illegible]; [illegible]
[illegible] — [illegible]
[illegible]; [illegible]
[illegible] — [illegible]
[illegible]

[illegible]: [illegible]
[illegible] "[illegible] [illegible]
[illegible]" [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] **1935** [illegible]
[illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible]
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[illegible] 13 - [illegible]

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[illegible]

[illegible] — [illegible]

[illegible] SANCTUARY — [illegible] — [illegible]

1. _____
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5. _____

[illegible]
01: [illegible]? [illegible]? [illegible]
[illegible] – [illegible]
[illegible]? [illegible]... [illegible]?
[illegible]—[illegible], [illegible], [illegible], [illegible], [illegible]
[illegible]? [illegible]? [illegible]
[illegible]? [illegible]
[illegible]? [illegible]—[illegible]
[illegible], [illegible], [illegible]
[illegible]? [illegible]
[illegible] Muhasaba—[illegible]—[illegible]
[illegible]

[illegible] SANCTUARY — THE FOUR CIRCLES — [illegible]

THE INNER CIRCLE — [illegible]: [illegible] [illegible] [illegible] [illegible] - [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] **kalyanamitra —** [illegible] [illegible] [illegible]
ACTION: [illegible]. [illegible] [illegible]

THE MIDDLE GROUND — [illegible]**:** [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] — [illegible]: [illegible] [illegible] [illegible]

[illegible]: "[illegible] [illegible] [illegible] [illegible] [illegible]" [illegible] [illegible] [illegible]

*[illegible]: "[illegible]" "[illegible]" "[illegible]" "[illegible]" "[illegible]" [illegible]: "[illegible]" "[illegible]" "[illegible]" "[illegible]" [illegible]: "[illegible]" "[illegible]" "[illegible]" "[illegible]" "[illegible]"

[illegible]

[illegible] SANCTUARY — [illegible]

[illegible]: **AA, NA, SMART Recovery, Dharma Recovery, LifeRing — [illegible] Protocol 04** [illegible]

[illegible]

[illegible]: [illegible]

[illegible]

[illegible]

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[illegible]

[illegible]: [illegible] [illegible] [illegible]— [illegible] [illegible] **Centurion** [illegible] **C-26** [illegible] **C-30**— [illegible] [illegible]— [illegible] [illegible]: [illegible] [illegible] [illegible]

[illegible] — [illegible]

[illegible] SANCTUARY — [illegible] 08 — [illegible]

1. [illegible], [illegible], [illegible] [illegible]
2. [illegible]: [illegible]: [illegible], [illegible], [illegible], [illegible], [illegible], [illegible], [illegible]
3. [illegible]: [illegible] ([illegible]) — [illegible] [illegible] ([illegible]) — [illegible] [illegible] ([illegible]) — [illegible] [illegible] ([illegible]) — [illegible]
4. [illegible] [illegible] [illegible]

[illegible]

[illegible] **08 — [illegible] — [illegible] CENTURION**

Crisis Resources: 988 (Suicide & Crisis Lifeline) | Crisis Text: Text HOME to 741741 | SAMHSA: 1-800-662-4357

CENTURIAN PAPER 17

[illegible]

[illegible], [illegible], [illegible]

[illegible]

[illegible]: [illegible]: [illegible]: [illegible] [illegible] [illegible]

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[illegible]; [illegible] [illegible] [illegible] [illegible]; [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] — "[illegible]" [illegible]; [illegible] [illegible] [illegible] [illegible] [illegible]; [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] 16

[illegible]

[illegible] [illegible] [illegible]?

[illegible]: [illegible] [illegible].

THE CENTURION — [illegible] C-16.001

[illegible]—[illegible] [illegible] [illegible] [

[illegible]

[illegible] — [illegible] — [illegible]

[illegible]: [illegible]— [illegible]: [illegible], [illegible], [illegible], [illegible], [illegible], [illegible]. [illegible]: "[illegible]" "[illegible]" "[illegible]" "[illegible]" "[illegible]". [illegible], [illegible], [illegible]. [illegible]— [illegible]

⚠ [illegible] — [illegible]

1. [illegible]: [illegible] "[illegible]" [illegible] [illegible]: [illegible] [illegible]: [illegible] [illegible] [illegible]

[illegible]

THE CENTURION — [illegible]

[illegible]: "[illegible]" "[illegible]" "[illegible]" "[illegible]" [illegible] [illegible] [illegible], [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]—[illegible]: [illegible].

[illegible] 16.2

[illegible]

[illegible] — [illegible] [illegible]

THE CENTURION — [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]—[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]... [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible].

[illegible] — [illegible] — [illegible]: [illegible]

*THE COFFEE SHOP ANCHOR: [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible]: [illegible] [illegible] [illegible] [illegible] '[illegible]' [illegible] (sangha effect) [illegible] [illegible] [illegible]

[illegible]: [illegible], [illegible], CrossFit, [illegible] [illegible] [illegible] ibasho [illegible] '[illegible]' [illegible]

[illegible]: [illegible] [illegible] [illegible] (seva) [illegible] khidma, [illegible] [illegible] "tikkun olam" [illegible] [illegible]
[illegible]
[illegible]: [illegible], [illegible], [illegible], [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] —[illegible]
[illegible] [illegible]

⛩ SANCTUARY — [illegible] — [illegible]: [illegible]

[illegible] [illegible]

[illegible]: [illegible] [illegible]
'[illegible]'
'[illegible]'
[illegible] [illegible]

[illegible]: [illegible]
[illegible] [illegible] [illegible] [illegible] 01 [illegible] [illegible]

*[illegible]: [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

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None
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⚠ [illegible] — [illegible] "The Spiral" [illegible]

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[illegible]

7. [illegible]

THE CENTURION — [illegible]

[illegible] — The Centurion

[illegible] **16 —** [illegible] **—** [illegible]

Crisis Resources: 988 (Suicide & Crisis Lifeline) | Crisis Text: Text HOME to 741741 | SAMHSA: 1-800-662-4357

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[illegible]

[illegible] [illegible]

[illegible] [illegible] [illegible] [illegible]

THE CENTURION — [illegible] C-16.001

[illegible] [illegible] [illegible] [

[illegible]

[illegible]

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🏛 SANCTUARY — [illegible] — [illegible]: [illegible] [illegible]

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THE MINIMUM VIABLE VERSION: [illegible]
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THE PHONE CALL VERSION: [illegible]
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None — no interaction required
[illegible], [illegible], [illegible], [illegible]
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3: [illegible]

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THE OVERRIDE

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"[illegible]" - [illegible]

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CENTURIAN PAPER 25

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[illegible] [illegible]

[illegible] **2 — [illegible]**: [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] **3 — [illegible]**: [illegible] = [illegible]; [illegible] = [illegible]; [illegible] = [illegible]
[illegible] **4 — [illegible]**: [illegible] [illegible] [illegible] **Netflix** [illegible] [illegible]
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[illegible] [illegible] **(TRIAGE)** [illegible]

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[illegible] **1 —** [illegible] [illegible] [illegible] "[illegible]" [illegible] [illegible]: [illegible] → [illegible] → [illegible] → [illegible] [illegible] *[illegible]* [illegible] [illegible] [illegible] **(**[illegible] **1–4):** [illegible] [illegible] **—** [illegible], [illegible], [illegible], [illegible] **(**[illegible] **17–21);** [illegible] **—** [illegible]; [illegible] **—** [illegible] [illegible] [illegible]; [illegible] **Netflix (**[illegible] [illegible] **=** [illegible]**)**

[illegible] **Netflix:** [illegible] **–** [illegible] [illegible] **–** [illegible] [illegible] [illegible] [illegible] [illegible]:

* **BDNF support (**[illegible] **BDNF):** [illegible], [illegible] **Lion's Mane, Omega-3**
* **Methylation support (**[illegible] **methylation): Methylfolate,** [illegible] **B12**
* **Anti-inflammatory (**[illegible]**): Omega-3, Curcumin**
* **Dopamine precursors (**[illegible]**): Tyrosine (**[illegible]**)**

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The Flatline — [illegible]

THE CENTURION — [illegible].

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[illegible] "[illegible]" [illegible] [illegible] [illegible]

*[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]—[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]: [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

"[illegible]" [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
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[illegible]: [illegible]
[illegible] [illegible] [illegible]
[illegible]
[illegible] [illegible] [illegible]
[illegible] **Recovery Kernel** [illegible]
[illegible]: [illegible]
[illegible] – [illegible]
[illegible]

[illegible]: [illegible]
[illegible]
[illegible]—[illegible]

[illegible] 15.4

[illegible]

[illegible]

THE CENTURION — [illegible]

[illegible]: [illegible]
[illegible] [illegible]
[illegible] [illegible]
[illegible] — [illegible]
[illegible]: [illegible],
[illegible],
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"[illegible]"
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[illegible],
[illegible]—[illegible]
[illegible]—[illegible]
[illegible]
[illegible]

[illegible]

[illegible] 15.5

[illegible]

[illegible]—[illegible]

[illegible] — [illegible] — [illegible]

[illegible]: [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] "[illegible]" [illegible] "[illegible]" — [illegible], [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

*[illegible]: [illegible] [illegible] [illegible]—[illegible] — [illegible] [illegible], [illegible], [illegible]— [illegible] [illegible], [illegible] "[illegible]" [illegible] "[illegible]" [illegible]— [illegible] THE GRADUATION: [illegible] —[illegible] — [illegible] [illegible] "[illegible]" [illegible] "[illegible]" [illegible] [illegible] [illegible] [illegible] Recovery Kernel [illegible] [illegible] [illegible] [illegible] [illegible] "[illegible]" [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] — [illegible] [illegible] [illegible] [illegible] [illegible] — [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] **5.** [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] **(Dissociation).** [illegible] [illegible] [illegible]

6. [illegible]. [illegible] [illegible] — [illegible], [illegible], [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

7. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

> [illegible] — The Centurion

[illegible] **15 —** [illegible] **—** [illegible]

Crisis Resources: 988 (Suicide & Crisis Lifeline) | Crisis Text: Text HOME to 741741 | SAMHSA: 1-800-662-4357

CENTURIAN PAPER 24

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] **rarely** [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] '[illegible]' [illegible] '[illegible]' [illegible] '[illegible]' [illegible]

* **[illegible] (Antipsychotics):** **40-80%** [illegible] [illegible]: [illegible] → [illegible] → [illegible] → [illegible], [illegible], [illegible]

* **[illegible] SSRIs/SNRIs:** **30-70%** [illegible]: [illegible] → [illegible] → [illegible], [illegible]: [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

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30–60%

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[illegible] ([illegible]); [illegible] [illegible] (
[illegible]).

[illegible] 2 — [illegible]: [illegible]

[illegible]: [illegible] **(RESISTANCE TRAINING).** [illegible]
[illegible]
* **Squats —** [illegible],
* **Deadlifts —** [illegible],
* **Bench Press —** [illegible]
* **Overhead Press —** [illegible]
* **Rows —** [illegible]

[illegible]:
* [illegible] **(testosterone)** [illegible]
* [illegible] **(growth hormone)**
* [illegible] '[illegible]'
* [illegible] ([illegible] = [illegible] **testosterone** [illegible] **estrogen)**
* [illegible] [illegible] [illegible]: **3** [illegible], **45-60** [illegible]; [illegible] [illegible] **(compound movements)** [illegible]; [illegible] [illegible]; [illegible] **(0.7–1** [illegible] [illegible] **1** [illegible]).

[illegible] 3 — [illegible]:

[illegible] **3** [illegible]:

* **[illegible] 1 —** [illegible]:** [illegible] [illegible], [illegible], [illegible], [illegible] [illegible]; [illegible] [illegible]; [illegible] [illegible]

* **[illegible] 2 —** [illegible]:** [illegible] **(**[illegible], [illegible], [illegible], [illegible]**);** [illegible] [illegible] [illegible]; [illegible]

* **[illegible] 3 —** [illegible]:** [illegible] [illegible]; [illegible]; [illegible] [illegible]

[illegible]: [illegible] **(social** [illegible] **(lubrication).** [illegible] [illegible] [illegible]

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[illegible] [illegible] [illegible] [

CENTURIAN PAPER C-26

[illegible]

[illegible]

[illegible]

[illegible] — [illegible] **C-26.001** [illegible] **Kernel** [illegible] **Social Firewall (C-17)** [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] **C-17** [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible]

[illegible] **4 —** [illegible]**:** [illegible]
[illegible] [illegible]—[illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible]— [illegible]
[illegible]

— C-26.2 —

[illegible] Uptime

[illegible]

[illegible]**:** [illegible]
[illegible] **847** [illegible] [illegible] **1**
Kernel [illegible] **Protocol 10 (**[illegible]**)**
[illegible] [illegible]
[illegible] **uptime** [illegible]
[illegible] [illegible] [illegible]
[illegible]

[illegible] **1 –** [illegible] **(95-100%** [illegible]**):** [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible]

[illegible] **2 –** [illegible] **(75-94%** [illegible]**):** [illegible]
[illegible] [illegible]
[illegible] [illegible]

[illegible] **3 –** [illegible] **(50-74%** [illegible]**):** [illegible]
[illegible] [illegible]
[illegible] [illegible] **TIER 4 —**
[illegible] **(**[illegible] **50%):** [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] **Protocol 1 —** [illegible]
[illegible] [illegible]: [illegible]: **1323** [illegible]:
[illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] **48** [illegible] [illegible] **7** [illegible]
[illegible] [illegible] **90%** [illegible] **1, 82%** [illegible] **3**
[illegible] **71%** [illegible] **7** [illegible]
[illegible]

— C-26.3 —

[illegible]

[illegible] 24 [illegible]:

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[illegible]:

* [illegible]? ([illegible], [illegible], [illegible])
* [illegible]? ([illegible], [illegible], [illegible])
* [illegible]? ([illegible], [illegible], [illegible], [illegible])
* [illegible]? ([illegible], [illegible], [illegible])
* [illegible]? [illegible]? [illegible]? ([illegible], [illegible], [illegible], [illegible], [illegible])

— C-26.4 —

[illegible]

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[illegible]

[illegible] **1:** [illegible]? [illegible] "[illegible]" [illegible] "[illegible]" [illegible]: [illegible] **(uptime)** [illegible]?

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[illegible] [illegible] [illegible] [illegible]

[illegible]:
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* [illegible]
* [illegible] [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] **Recovery Kernel** [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] CENTURIAN [illegible] C-26 — [illegible]

[illegible] 22

THE FAMILY FIELD

[illegible], [illegible], [illegible] [illegible]

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[illegible]

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[illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible]
[illegible]: [illegible], [illegible]
[illegible] [illegible], [illegible]
[illegible], [illegible]
[illegible] [illegible]
[illegible] [illegible]

— 22.1 —

[illegible]

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* [illegible] [illegible]
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* [illegible]

[illegible]

[illegible]

[illegible] — [illegible] — [illegible] [illegible] [illegible]

[illegible]

[illegible]

[illegible]

[illegible] **(The Scapegoat)**
[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] **(The Enabler)**
[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] **(The Lost Child)** [illegible] [illegible] [illegible] [illegible] [illegible]—[illegible], [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]: [illegible], [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible]

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[illegible]: [illegible]

— 22.6 —

[illegible]

[illegible]

[illegible] 22 — [illegible]
[illegible] [illegible]
[illegible]—[illegible]
[illegible] [illegible]
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[illegible]

[illegible]

[illegible]

[illegible] **22 —** [illegible]

[illegible] 31

THE PARENT TRAP

[illegible] [illegible] — [illegible] [illegible]

— [illegible] “[illegible]” [illegible] “[illegible]” —

> [illegible]: [illegible] [illegible] [illegible] [illegible] [illegible] **28** [illegible]: [illegible] [illegible] [illegible]: [illegible] [illegible] [illegible] [illegible] [illegible]

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* [illegible] — [illegible], [illegible], [illegible] -
[illegible]: "[illegible]
[illegible]" [illegible]
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[illegible] **1** [illegible] **5** [illegible]: "[illegible]
[illegible]" [illegible]
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[illegible].

[illegible]
[illegible]:

[illegible]

Normal Standard

[illegible] (Week 1-5)

[illegible]

[illegible]

[illegible], [illegible], [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible]

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[illegible] [illegible]

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[illegible] [illegible] [illegible]

No one is grading you this week

[illegible]

[illegible]

[illegible]

[illegible] [illegible]

— 31.3 —

[illegible]

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** [illegible] [illegible] [illegible]*

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* **–** **Venmo, PayPal, CashApp**
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— 31.4 —

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"[illegible]" [illegible]

[illegible]: [illegible]

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[illegible] — [illegible]
[illegible] **Liquid IV, LMNT** [illegible] **Pedialyte —** [illegible]

[illegible] — [illegible]
[illegible]; [illegible]

[illegible] — [illegible] **Epsom** [illegible]

[illegible] — [illegible]
[illegible] **L-Theanine** [illegible] **GABA** [illegible]—[illegible]: **L-Theanine** [illegible] **Taurine** [illegible] **GABA** [illegible]: [illegible] **L-Theanine** [illegible]—[illegible]— [illegible] "[illegible]" [illegible] **L-Theanine** [illegible] **diphenhydramine (Benadryl)** [illegible] — [illegible]: [illegible]

[illegible] [illegible] [illegible] [

[illegible]

— 31.5 —

[illegible]

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[illegible] — [illegible] (**[illegible]**)
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[illegible] — [illegible]

* [illegible] **L-Theanine —** [illegible]
* [illegible] [illegible] **—** [illegible]
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[illegible]

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occupied [illegible]
[illegible]**:** [illegible]**;** [illegible]**;** [illegible]
[illegible]**:** [illegible]**,** [illegible] **—** [illegible]
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[illegible]**:** [illegible] [illegible]**,** [illegible]
[illegible]**:** [illegible]**,** [illegible]**,** [illegible] **—** [illegible] **5** [illegible]
[illegible]**:** [illegible]**,** [illegible]
[illegible]**:** "[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]

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[illegible] [illegible]

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[illegible]

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[illegible], [illegible], [illegible]

50–60% — [illegible]

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[illegible]; [illegible]

30–40% — [illegible]

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[illegible] 3—[illegible]

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— 31.7 —

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[illegible]

[illegible]: [illegible]

[illegible]

[illegible] **31 —** [illegible]

[illegible] 32

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— [illegible] — [illegible] [illegible] [illegible] —

[illegible] [illegible] [illegible] [

[redacted] **5** [redacted] **15** [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] **GABA** [redacted] [redacted] **opioid** [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted]

[illegible]:
[illegible]
[illegible] "[illegible] [illegible]
[illegible] [illegible]" **([illegible]**

[illegible] [illegible] [illegible] [illegible]:

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] **([illegible])**

[illegible]: [illegible], [illegible] (delirium tremens), [illegible]
[illegible] GABA; [illegible]
[illegible]; [illegible]
[illegible] 6-24 [illegible]; [illegible] 48-72 [illegible]

[illegible]

[illegible]—[illegible], [illegible], [illegible]
[illegible] GABA; [illegible]
[illegible]; [illegible]
[illegible]
[illegible] [illegible] 1-2 [illegible]
[illegible]
[illegible] - [illegible]
[illegible]; [illegible]
[illegible] 8-24 [illegible]; [illegible] 36-72 [illegible]
[illegible]
[illegible]: [illegible], [illegible], [illegible]
[illegible] [illegible]
[illegible]; [illegible]
[illegible]
[illegible]
[illegible]; [illegible].
[illegible] 12-24 [illegible]; [illegible]

— 32.2 —

[illegible]

[illegible]

[illegible]: [illegible] (GABA), [illegible] (CYP2D6, variant [illegible] COMT [illegible]) [illegible]

[illegible] — [illegible] **GABA** [illegible] **CYP2D6, variant** [illegible] **COMT** [illegible] "[illegible]" [illegible] "[illegible]" [illegible]

— 32.3 —

[illegible]

[illegible]

[illegible]—[illegible]—[illegible].

[illegible]

[illegible]

[illegible]

[illegible]
"[illegible] [illegible]"
[illegible] [illegible] [illegible] [illegible]
[illegible]

[illegible]
[illegible] — "[illegible] [illegible]
[illegible]" — [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible]

[illegible] [illegible] [illegible]
[illegible]:

[illegible]

[illegible]

[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] (Tolerance)
[illegible] [illegible] [illegible]
[illegible]
[illegible] [illegible]
[illegible]
[illegible] [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
"[illegible] [illegible] [illegible]
[illegible]"

— 32.4 —

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]:
[illegible]: [illegible]
[illegible]
[illegible]
[illegible]:
[illegible]:
[illegible] – **[illegible]** [illegible] [illegible] **[illegible]**
[illegible] – **[illegible]** [illegible] [illegible] **[illegible]**
[illegible] – **[illegible]** [illegible] **[illegible]**. [illegible] **—** **[illegible]**.
[illegible] (**[illegible]**): [illegible] **COMT,** [illegible] **MTHFR,** [illegible] **CYP2D6** [illegible]
[illegible]. [illegible]: [illegible], [illegible]
[illegible], [illegible]. [illegible] (**[illegible]**): [illegible].

[illegible]:
[illegible]
[illegible] **[illegible]**
[illegible]:
[illegible]: [illegible], [illegible]
* [illegible] (**[illegible]**)
* [illegible]

* [illegible] **CYP2D6, COMT,** [illegible]
* [illegible]

[illegible]:
"[illegible] **[illegible].** [illegible]/[illegible] **[illegible]** [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] [illegible] — [illegible] [illegible] — [illegible] [illegible] [illegible] [illegible] [illegible] **overdose** [illegible] [illegible]: [illegible] [illegible] [illegible] [illegible]

[illegible] — [illegible]: [illegible] [illegible] [illegible] [illegible] [illegible] **Naloxone** [illegible] [illegible] [illegible]

[illegible] **72** [illegible]

[illegible]:
* [illegible]
* [illegible]
* [illegible]
* [illegible], [illegible]

[illegible]:
* [illegible]:
* [illegible]:
* [illegible], [illegible]

[illegible]:
* [illegible]
* [illegible] [illegible]: [illegible] [illegible] **Naloxone** [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]: [illegible] [illegible] "[illegible]" [illegible] [illegible] "[illegible]" [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] — [illegible] [illegible]:

- [illegible]
- [illegible]
- [illegible]

[illegible]

[illegible] 0-4 [illegible]

[illegible]

[illegible]; [illegible]; [illegible]
[illegible] [illegible]
[illegible] 0-24 [illegible]
VERY HIGH
[illegible] [illegible]; [illegible]; [illegible]
[illegible]; [illegible]; [illegible]
[illegible]
[illegible]; [illegible]
[illegible] 0-72 [illegible]
[illegible]
[illegible]; [illegible]
[illegible]; [illegible]
[illegible] [illegible]
[illegible] 3-7
[illegible]
[illegible]; [illegible]
[illegible]
[illegible] 2
[illegible]
[illegible]; [illegible]; [illegible]
[illegible] "[illegible]" [illegible]

— 32.6 —

[illegible]

[illegible]

[illegible] **32 —** [illegible] [illegible]
[illegible]:

* [illegible]: [illegible]
* [illegible]: [illegible]
[illegible]
* [illegible]: [illegible]
[illegible]
* [illegible]: [illegible]

[illegible] [illegible]
[illegible] **—** [illegible]
[illegible] **GABA** [illegible]
[illegible]
[illegible] **GABA** [illegible]
[illegible], [illegible] **(delirium tremens)** [illegible]

[illegible]; [illegible] [illegible] [illegible]: "[illegible] [illegible]" [illegible] 'GABA; [illegible]' [illegible] 'GABA-dependent, medical taper, seizure risk [illegible] [illegible] (Pharmacogenomic data) [illegible] [illegible] [illegible]

[illegible]

[illegible] **32 —** [illegible]

[illegible] 33

THE BOUNDARY ARCHITECT

[illegible] [illegible] [illegible]

*   *[illegible]: [illegible] [illegible]*
*   *[illegible]: [illegible]*
*   *[illegible]: [illegible] [illegible] [illegible]*
*   *[illegible]: [illegible] [illegible] [illegible]*
*   *[illegible]: [illegible] [illegible]*
*   *[illegible]: [illegible] [illegible]*
*   *[illegible]: [illegible]*

— [illegible], [illegible], [illegible] —

[illegible]

[illegible] [illegible] — [illegible] [illegible] [illegible]

[illegible]: [illegible], [illegible], [illegible], [illegible] [illegible] **[illegible]:** [illegible], [illegible], [illegible] [illegible]

— 33.1 —

[illegible]

[illegible] — [illegible]

[illegible] [illegible] [illegible]—[illegible], [illegible], [illegible]—[illegible] [illegible] [illegible] [

□□□

[illegible]

— 33.2 —

[illegible]:

* **[illegible] 1]**
* **[illegible] 2]**
* **[illegible] 3]**
* **[illegible] 4]**

[illegible]

[illegible]

[illegible]

[illegible] **—** [illegible] "[illegible] [illegible] "[illegible] [illegible]" "[illegible] **Recovery Kernel**" [illegible]: [illegible]

"[illegible] [illegible] [illegible]" [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] — [illegible] [illegible] [illegible]

[illegible]:

[illegible]

[illegible] [illegible] [illegible] [illegible]

[illegible] — [illegible] [illegible] [illegible]/[illegible] [illegible]

[illegible]:
* [illegible]
* [illegible]
* [illegible]
* [illegible]
* [illegible]
* [illegible]
* [illegible]

[illegible]:
* [illegible]
* [illegible]... [illegible]
* [illegible]...
* [illegible]
* [illegible] [illegible]
* [illegible]

[illegible], [illegible] [illegible] [illegible]—[illegible], [illegible], [illegible] [illegible]—[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible]: [illegible]

[illegible]: [illegible]? [illegible]? [illegible]? [illegible] "[illegible]" – [illegible] [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [

[illegible]

[illegible] — [illegible]

[illegible]

[illegible]:
* '[illegible]'
* '[illegible]'
* '[illegible]?'

[illegible]

[illegible] — [illegible]

[illegible]

[illegible]

[illegible]

— 33.4 —

[illegible]

[illegible]

* [illegible]
* [illegible]
* [illegible]
* [illegible]
* [illegible]

[illegible] [illegible] [illegible]

> [illegible]: [illegible]
>
> "[illegible] [illegible]?"
> "[illegible] [illegible] [illegible]"
> "[illegible] [illegible]?" "[illegible]?" [illegible] [illegible] [illegible] [illegible]: "[illegible]..." "[illegible]..." "[illegible]..." [illegible] [illegible] [illegible]

[illegible]

* **[illegible]:** [illegible], [illegible], [illegible], [illegible] [illegible]

[illegible]: [illegible], [illegible], [illegible], [illegible], [illegible] [illegible]

Language That Works: [illegible]

* "[illegible]..."
* "[illegible]..."
* "[illegible]..."
* "[illegible]..."

[illegible]:

* "[illegible]..."
* "[illegible]?"
* "[illegible]?"
* "[illegible]?"

[illegible] "[illegible]...", "[illegible]...", "[illegible]...", "[illegible]..." [illegible]

[illegible] "[illegible]" [illegible] "[illegible]" [illegible] "[illegible]" [illegible] "[illegible]?" [illegible]

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[illegible]

[illegible]

[illegible]:
* [illegible]: [illegible]
[illegible] [illegible]
"[illegible]"

[illegible]: [illegible]

[illegible]: [illegible]

[illegible]: [illegible]

[illegible]:

[illegible]: [illegible]... [illegible]:
[illegible]
[illegible]: [illegible]
[illegible]: [illegible]
[illegible]: [illegible]
[illegible] "[illegible]" — [illegible] "[illegible]": [illegible]
[illegible] — [illegible] "[illegible]...": [illegible]

[illegible]:
[illegible]: [illegible] ("[illegible]..."), [illegible]
("[illegible]?"), [illegible]
("[illegible]...")

[illegible]: [illegible]... [illegible]
[illegible]? [illegible] – [illegible]

[illegible]: [illegible], [illegible], [illegible], [illegible]
[illegible]: [illegible], [illegible], [illegible], [illegible]
[illegible]: [illegible]

[illegible]: [illegible]

33 — [illegible]

— [illegible] 4 —

[illegible] 5 — [illegible]

[illegible], [illegible], [illegible], [illegible] [illegible] "The Tares"

[illegible] [illegible] [illegible] [illegible]? [illegible]? [illegible] [illegible]? [illegible] "Centurian Papers" [illegible]

[illegible] 20

[illegible]

[illegible]

— [illegible] —

[illegible] [illegible] [illegible] [

[illegible]

* **[illegible]:** [illegible]

[illegible]:
* [illegible]
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* [illegible]

[illegible]: [illegible]

* [illegible]:
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[illegible]

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[illegible], [illegible], [illegible], [illegible], [illegible], [illegible]

Write yours here

Location-Based

[illegible], [illegible], [illegible], [illegible], [illegible]

Write yours here

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[illegible] [illegible] [illegible] [illegible] [illegible]

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[illegible], [illegible], [illegible] [illegible] [illegible]

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- [illegible]
- [illegible]: [illegible], [illegible],
[illegible]
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[illegible]
- [illegible]: [illegible]
[illegible]
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[illegible]: [illegible]
[illegible]
[illegible]
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[illegible]:
* [illegible]
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* **[illegible]:** [illegible], [illegible],
[illegible]
* **[illegible]:** [illegible], [illegible] [illegible],
[illegible], [illegible] "[illegible]"

[illegible] — [illegible]
[illegible] [illegible] **(if-then responses)** [illegible]: [illegible] [illegible]
[illegible] "[illegible]" [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] **4** [illegible]:

* [illegible]:
* [illegible]:
* [illegible]:
* [illegible]:
[illegible]

[illegible] **66** [illegible]
[illegible]

[illegible]

[illegible]
[illegible]—[illegible], [illegible], [illegible]
[illegible]—[illegible]
[illegible]
[illegible]
[illegible] [illegible]; [illegible] [illegible]
[illegible]

[illegible]
[illegible], [illegible], [illegible], [illegible]
[illegible]
[illegible]—[illegible]
[illegible], [illegible], [illegible]
[illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible]—[illegible],
[illegible], [illegible]—[illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible] "[illegible]" [illegible]
[illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible]
[

[illegible] 21

[illegible]

[illegible]

*   *[illegible]: [illegible]*
*   *[illegible]: [illegible]*
*   *[illegible]: [illegible]*
*   *[illegible]: [illegible]*
*   *[illegible]: [illegible]*

— [illegible] —

> [illegible]

— 21.1 —

[illegible]

* [illegible]
* [illegible]

* [illegible]
* [illegible]
* [illegible]

[illegible]

[illegible]: [illegible] [illegible], [illegible], [illegible] [illegible], [illegible] [illegible] [illegible].

[illegible] — [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] **(prefrontal cortex)** [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible]

— 21.2 —

[illegible]

[illegible]

[illegible]

[illegible] **A —** [illegible]
[illegible]:
* [illegible]
* [illegible]
* [illegible]
* [illegible]
* [illegible]

[illegible]

[illegible] **B —** [illegible] **HALT**
HALT [illegible]: [illegible], [illegible], [illegible], [illegible]

[illegible]
[illegible]? [illegible]? [illegible]? [illegible] — [illegible] — [illegible]

[illegible]: [illegible]? [illegible]? [illegible]

□□□□: □□□□□

> [illegible]
> [illegible]: [illegible]? [illegible]
> [illegible] [illegible]? [illegible]
> [illegible]

— 21.3 —

[illegible] (Five Whys)

[illegible]

[illegible] "[illegible]" (The Five Whys) [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]: "[illegible]" [illegible]

[illegible] [illegible] "[illegible]" [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

> [illegible] — [illegible] "[illegible]": [illegible] [illegible]? [illegible] [illegible]? [illegible] [illegible]? [illegible] [illegible]? [illegible]: [illegible] [illegible]: [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]: [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

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[illegible], [illegible], [illegible], [illegible] **"HALT".**
  * [illegible]: [illegible], [illegible], [illegible].

* **[illegible]:** [illegible], [illegible], [illegible], [illegible], [illegible].
  * [illegible]: [illegible], [illegible], [illegible].

* **[illegible]:** [illegible] [illegible], [illegible], [illegible], [illegible], [illegible], [illegible].
  * [illegible]: [illegible], [illegible], [illegible].

* **[illegible]:** [illegible] "[illegible]" [illegible] "[illegible]", [illegible], [illegible]. [illegible]: [illegible] [illegible] [illegible]

* **[illegible]** — [illegible] [illegible]
* **[illegible]** — [illegible]; [illegible]
* **[illegible]** — [illegible]; [illegible]
* **[illegible]** — [illegible]; [illegible]
* **[illegible]** — [illegible] [illegible]

[illegible]:

* **[illegible]: [illegible]**
* **[illegible]: [illegible]**
* **[illegible]: [illegible]** [illegible] **[illegible]: [illegible]**

[illegible] [illegible]:

[illegible]

[illegible] (1 [illegible])

[illegible] (1 [illegible])

[illegible] 17:00 [illegible].

[illegible]

[illegible] 16.00 [illegible]. [illegible]; [illegible]; [illegible]

[illegible]

[illegible] (1 [illegible])

[illegible] GPS; [illegible]

[illegible]

[illegible] [illegible] [illegible] [illegible]

[illegible]

[illegible]

[illegible]; [illegible]; [illegible]

[illegible]

[illegible] "[illegible]"

[illegible]

[illegible]; [illegible]

[illegible]

[illegible]

[illegible]; [illegible]

— 21.5 —

The Full Record

[illegible]

[illegible] — [illegible] **24** [illegible]
[illegible]
[[illegible], [illegible], [illegible], [illegible] [illegible]]

[illegible]
[illegible] **HALT** [illegible]
[illegible]
[illegible] — [illegible], [illegible], [illegible], [illegible]
[illegible]
[illegible] — [illegible], [illegible], [illegible]
[illegible]
[illegible] — [illegible], [illegible], [illegible]
[illegible] **(Five Whys Analysis)**
[illegible] **1: [[illegible]]** → [illegible] **2: [[illegible]]** → [illegible] **3: [[illegible]]** → [illegible] **4: [[illegible]]** → [illegible] **5: [[illegible]]**
[illegible]
[[illegible]]
[illegible]**:** [illegible] / [illegible] / [illegible] / [illegible] / [illegible]
[illegible] / [illegible]
[illegible]**: [[illegible]]**
[illegible]**: [[illegible]]**
[illegible]**: [[illegible])**
[illegible]**: [[illegible]]** / [illegible]**: [[illegible]]** /
[illegible]**: [[illegible]]%**
[illegible]**:** [illegible] / [illegible] / [illegible]
[illegible]**: [[illegible]]**
[illegible]**: [[illegible]]**

— 21.6 —

[illegible]

[illegible]

[illegible] **21 —** [illegible]

[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible]—[illegible]
[illegible] [illegible] [illegible]—[illegible]
[illegible]
[illegible] [illegible] **100** [illegible] [illegible]
[illegible] [illegible] [illegible]

□□□□□ □□□□□□□□□□□□□ **(uptime percentage)** □□□□□□□□□□□□□

[illegible] 26

[illegible]

[illegible] [illegible] [illegible]

— [illegible] [illegible] [illegible] [illegible] —

[illegible]

[illegible] [illegible] [illegible] [

* [redacted]
* [redacted]

[redacted]

[redacted] **(Enchantment Mechanisms) —** [redacted] **(Personification):** [redacted]

[redacted] **Tina, The Dragon, Lady H, Lucy** [redacted] "[redacted]" [redacted] [redacted] [redacted]

□□□" □□□□

□□□□□□□□□□□□ (□□□□□□□□□□□□

[illegible]

— 26.3 —

[illegible]

[illegible] “[illegible]” [illegible] “[illegible]”

[illegible]

[illegible]: [illegible] [illegible] "[illegible]", "[illegible]", "[illegible]", "[illegible]" [illegible] [illegible] "[illegible]", "[illegible]" [illegible] [illegible]: [illegible] → [illegible] [illegible] → [illegible] [illegible] → [illegible] [illegible] → [illegible] [illegible] → [illegible] [illegible] "[illegible]" [illegible] "[illegible]" [illegible] "[illegible]" "[illegible]" [illegible] "[illegible]" [illegible] [illegible] [illegible]

[illegible]:

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]/[illegible]

[illegible] [illegible]

[illegible]

[illegible]

[illegible] [illegible]

[illegible]

[illegible]

[illegible]; [illegible]

[illegible]

[illegible] [illegible]

[illegible]

[illegible]

'Yet' [illegible]

[illegible]

[illegible] [illegible]

[illegible]

[illegible] [illegible]

[illegible] — [illegible]

[illegible] [illegible]: [illegible]

[illegible], [illegible], [illegible] [illegible]

[illegible] — [illegible]

[illegible]

[illegible]: [illegible]

[illegible] [illegible] [illegible]

[illegible]

[illegible] [illegible] [illegible] [illegible]

[illegible]

[illegible]

[illegible]

[

[illegible]

[illegible] "[illegible]" [illegible]—[illegible] [illegible] [illegible] [illegible]—[illegible] [illegible] "[illegible] [illegible]" [illegible]: [illegible] [illegible]

[illegible] [illegible] [illegible] [

[illegible]

[illegible]

[illegible] [illegible] [illegible] [

[illegible]

[illegible]

[illegible] **26 —** [illegible]
[illegible] [illegible]
[illegible] [illegible]
[illegible]
[illegible], [illegible] [illegible]
[illegible] [illegible]
[illegible]
[illegible] [illegible] [illegible]
[illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] **(Fatalization)** [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[

[illegible]

END OF PROTOCOL 26 — THE VOCABULARY OF CLARITY

[illegible] 26b

[illegible]

[illegible] – [illegible] [illegible]

— [illegible] [illegible] [illegible] [illegible] [illegible] —

Opening Word — [illegible]

[illegible] [illegible] [illegible]: [illegible] [illegible]—[illegible] [illegible] [illegible] [illegible] [

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[illegible] — [illegible] — [illegible] [illegible] [illegible]

* [redacted]
* [redacted]

[redacted] [redacted] [redacted] [

[illegible]

[illegible]

[illegible] [illegible] [illegible] [illegible]

[illegible]—[illegible] [illegible] [illegible] [

4-6 □□□□

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□□□□□□, □□□□□□□□□□□□□□□□□□□□□ — □□□□□□□□□□□□□□□□□□□□

[illegible]

[illegible] — [illegible]
[illegible]
[illegible] — [illegible]
[illegible] [illegible]
[illegible] — [illegible]
[illegible]
[illegible] — [illegible]
[illegible] — [illegible]
[illegible] '[illegible] [illegible]
[illegible]' — [illegible]
[illegible] [illegible]
'[illegible]
[illegible]' [illegible] "[illegible] [illegible]
[illegible]
[illegible]" "[illegible] **[illegible]** [illegible]
[illegible]
[illegible]"

[illegible] [illegible]
[illegible]**:**

* [illegible] [illegible]
[illegible]
* "[illegible]" [illegible] [illegible]
[illegible]
* [illegible]
* [illegible] [illegible]

[illegible]**:**

* [illegible]
[illegible]
* [illegible] **(anterograde amnesia)** [illegible]
* [illegible]
* [illegible] [illegible] [illegible] [illegible]**:** [illegible]
[illegible] [illegible] [illegible] **topiramate** [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible]**.**

— 26b.6 —

[illegible]

[illegible]

Protocol 26b — [illegible] [illegible]

* [illegible] **(**[illegible] "[illegible]"**):** [illegible] "[illegible] [illegible]" [illegible]
* [illegible] **(**[illegible] "[illegible]"**):** [illegible] **(anterograde amnesia)** [illegible] — [illegible]
* [illegible] **(**[illegible] "[illegible]"**):** [illegible] — [illegible]
* [illegible] **(**[illegible] "[illegible]"**):** [illegible] — [illegible]
* [illegible] **(**[illegible] "[illegible]"**):** [illegible] — [illegible]
* [illegible] **(**[illegible] "[illegible]"**):** [illegible] — [illegible]
* [illegible]**:** [illegible] — [illegible]
* [illegible]**:** [illegible], [illegible] [illegible] — [illegible]
* [illegible]**:** [illegible] — [illegible]

[illegible]

[illegible]:
[illegible]**:** [illegible] — [illegible],
[illegible]
[illegible]: [illegible]
[illegible]: [illegible] **(receptors)** [illegible]
[illegible]: [illegible] **Motions** [illegible]

[illegible], [illegible], [illegible], [illegible] [illegible] [illegible]

[illegible] 23

[illegible]

[illegible] — [illegible]

— [illegible] [illegible] —

[illegible]

— 23.1 —

[illegible]

[illegible]

[illegible]

Vector One — [illegible] **(anhedonia)** [illegible] "[illegible]" [illegible]

[illegible]

Vector Two — [illegible]

[illegible]

Vector Three — [illegible]

[illegible]

* [illegible]
* [illegible]
* [illegible] **—** [illegible], [illegible], [illegible]
* [illegible]
* [illegible]
* [illegible]
* [illegible]

[illegible]

[illegible]

[illegible]

[illegible] [illegible] [illegible] [illegible]—[illegible] [illegible] [illegible] [illegible]—[illegible] [illegible] [illegible] [

[illegible]

[illegible]: [illegible]

[illegible]

[illegible]

[

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]: [illegible], [illegible] [illegible], [illegible] [illegible] [illegible]—[illegible], [illegible], [illegible] [illegible]Negative

[illegible] [illegible]—[illegible] [illegible] "[illegible]" [illegible] "[illegible]"

> [illegible]
>
> [illegible]
> [illegible] [illegible] [illegible]

— 23.6 —

[illegible]

[illegible]

[illegible]

> [illegible] — [illegible]
>
> [illegible]
>
> [illegible]:
>
> [illegible]
> [illegible]
> [illegible]

[illegible] [illegible] [illegible]

[illegible] — [illegible]:

* [illegible]: [illegible]
* [illegible]: [illegible] — [illegible]: [illegible]

— 23.7 —

[illegible]

[illegible]

[illegible] **23 —** [illegible]
[illegible]
[illegible]:
- [illegible]:
- [illegible]:
- [illegible]:

[illegible]:

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] **23 —** [illegible]

[illegible] 36

[illegible]

[illegible]: [illegible], [illegible], [illegible]

— [illegible] —

[illegible] [illegible] **[illegible]:** [illegible] [illegible] [illegible] [illegible] [illegible] "[illegible]" [illegible] [illegible] [illegible] [illegible] [illegible] **—** [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible]

[illegible]
[illegible]: [illegible]

[illegible]...
[illegible]
[illegible]: [illegible]

[illegible] —
[illegible]
[illegible]
[illegible]

□□□□□□□□□□□□□□□□□□□□□□ □□□□□ □□□□□□□□□□□□□; □□□□□□□□□□□□□□□□□□□□

[illegible]

[illegible]:

[illegible]

[illegible]

Return

[illegible]

[illegible]

Initial
20 [illegible]
[illegible] — [illegible]
[illegible] — +400%
[illegible]
[illegible]
40 [illegible]
80% effect
[illegible] - +100%
[illegible]
[illegible]
60 [illegible]
60% [illegible]
[illegible] -20%
[illegible]
[illegible]
100 [illegible]
[illegible] 40% — [illegible] [illegible]
[illegible] -60%
[illegible]

[illegible]
200 [illegible] [illegible]
10-20% — [illegible]; [illegible]

[illegible] **— -90%**
[illegible]

[illegible] **—** [illegible]

"[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]"

[illegible] **"sunk cost fallacy"** [illegible] [illegible] [illegible]

□□□

13,000 [illegible] 60,000 [illegible]

[illegible]

— 36.4 —

[illegible]

[illegible]

[illegible] [illegible] [illegible]: [illegible]— [illegible], [illegible], [illegible], [illegible]—[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] [illegible]

[illegible] **-** [illegible]

[illegible]: [illegible] [illegible] **40** [illegible], **60** [illegible], **100** [illegible], **200** [illegible] [illegible]... [illegible] [illegible] "[illegible]" [illegible]—[illegible] [illegible] [illegible] [illegible]

[illegible] **—** [illegible]

[illegible] — [illegible] — [illegible], [illegible], [illegible]

[illegible]

[illegible]

[illegible]

* [illegible], [illegible], **BDNF** [illegible]
[illegible] [illegible]
* [illegible]
[illegible] [illegible]
[illegible]
* [illegible]
[illegible] — [illegible]
[illegible] [illegible]
[illegible]
[illegible] — [illegible] — [illegible]
[illegible]
[illegible]: [illegible]; [illegible] [illegible]; [illegible]
[illegible]; [illegible] [illegible]
[illegible] [illegible]
[illegible]

— 36.6 —

[illegible]

[illegible]

[illegible] **36 —** [illegible]

[illegible]
[illegible]
* [illegible]: [illegible]; [illegible]
[illegible]
* [illegible]: [illegible]
[illegible] [illegible]
* [illegible]: [illegible]
* [illegible]: [illegible], [illegible]
[illegible], [illegible], [illegible], [illegible]

[illegible]
* [illegible]: [illegible]
[illegible]
[illegible]: [illegible]
[illegible]: [illegible] [illegible]: [illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible]
[illegible] "[illegible]" [illegible]
[illegible] [illegible] [illegible]
[illegible] "[illegible]" **(sunk cost fallacy)** [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible]: [illegible]
[illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible]

[illegible]

[illegible]: [illegible]

[illegible]

[illegible]—[illegible], [illegible], [illegible], [illegible] [illegible]—[illegible] [illegible] [illegible], [illegible], [illegible]: [illegible]

[illegible]

[illegible]

[

[redacted] 34

[redacted]

[redacted] —
[redacted]

— [redacted] [redacted]
[redacted] —

[redacted] [redacted]—[redacted] [redacted]—[redacted] [redacted] [redacted] [

[illegible]

[illegible] [illegible]
[illegible]

[illegible]:

* [illegible] — [illegible]
  [illegible]
  [illegible] [illegible]
  [illegible]
  [illegible]: [illegible]
[illegible]

* [illegible] — [illegible]
  [illegible] [illegible]
[illegible]
  [illegible] [illegible]

  [illegible]
[illegible]: [illegible]... [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible]
[illegible]:
[illegible]
[illegible] [illegible]
[illegible]
[illegible]
[illegible] [illegible] — [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] — [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[

□□□

□□□ **GABA** □□□□

[redacted]: [redacted] [redacted] [redacted]

[redacted] **(amygdala)** [redacted]
[redacted]
[redacted]

[redacted] — [redacted]

[redacted] [redacted] [redacted]
[redacted]**:** [redacted]**?** [redacted]
[redacted]**?** [redacted]**?** [redacted]
[redacted] [redacted]
[redacted]

[redacted]
[redacted] [redacted]
[redacted] [redacted] **GABA** [redacted]
[redacted] [redacted] [redacted]**:** [redacted]
[redacted] [redacted] '[redacted]
[redacted] [redacted]
[redacted] [redacted] [redacted]
[redacted]' [redacted] — [redacted]
[redacted]**:** [redacted]
[redacted]**:** [redacted]
[redacted] [redacted]
[redacted] [redacted] [redacted]
[redacted] [redacted]
[redacted]

[redacted] — [redacted]

[redacted] [redacted]
[redacted] [redacted] [redacted] [redacted] [redacted]
[redacted]

[redacted] — [redacted] [redacted]
[redacted] [redacted] — [redacted]

[redacted]
[redacted]
[redacted]**:**

* [redacted] — [redacted]
* [redacted] — [redacted] [redacted]
* [redacted] — [redacted]
* [redacted] — [redacted]
* [redacted] — [redacted]
* [redacted] — [redacted]

[redacted]**:**

* [redacted]
* [redacted]

* [illegible]
* [illegible]
* [illegible]

[illegible]: [illegible] [illegible] [illegible]

[illegible]

[illegible] — [illegible]

[illegible]:

* [illegible] — [illegible]; [illegible]
* [illegible] — [illegible]
* [illegible] — [illegible]
* [illegible] — [illegible]; [illegible]
* [illegible] — [illegible] "[illegible]" [illegible] "[illegible]" [illegible] "[illegible]" [illegible] — [illegible]

[illegible]: [illegible]: **1323 Suicide and Crisis Lifeline (**[illegible]**)** [illegible]: [illegible] [illegible] **HOME** [illegible] **741741** [illegible]: [illegible]: **1669** [illegible] **191**
[illegible]
[illegible] **(**[illegible]**)**
[illegible]

[illegible]:

[illegible]

[illegible] — [illegible]

[illegible] — [illegible]

Response
[illegible]
[illegible], [illegible], [illegible]
[illegible]
[illegible]: [illegible]. [illegible]: [illegible].
[illegible]
[illegible]—[illegible]

□□□□□□□, □□□□□□□□□□—□□□□□□□□□

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* **[illegible]:** [illegible]

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[illegible]... [illegible] **(echo)** [illegible]:

— 27.3 —

[illegible]

[illegible]

[illegible] [illegible] [illegible] [

> [illegible] — [illegible] [illegible] [illegible]

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[illegible] — [illegible]: [illegible] **[**[illegible] ▯ / [illegible] / [illegible]**]** [illegible] **[**[illegible]/[illegible]**] stored metabolites].** [illegible] [illegible] — [illegible] [illegible]: [illegible] **(**[illegible]**),** [illegible] **(**[illegible]**),** [illegible] **(**[illegible]**),** [illegible] **(**[illegible]**)** [illegible] [illegible] **(**[illegible]**)** [illegible] "[illegible]" [illegible] [illegible] "[illegible]" [illegible] [illegible]

— 27.5 —

[illegible]

[illegible]?

[illegible] [illegible] [illegible] [illegible]

[illegible] — [illegible]:

* [illegible]:
  * **NAC (N-Acetyl Cysteine): 600–1200** [illegible] — [illegible]; [illegible]
  * [illegible]: **250–500** [illegible] — [illegible],
  * **Alpha lipoic acid: 300–600** [illegible] — [illegible];

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[illegible] **GSTM1/GSTT1** [illegible]:

[illegible]:

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[illegible]—[illegible]... [illegible] — [illegible]

[illegible] 28

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"[illegible]": [illegible] "[illegible]" [illegible]

[illegible] **COMT** [illegible] **(Met/Met)** [illegible] **5** [illegible] **2** [illegible] **4** [illegible]

[illegible] **COMT** [illegible]:
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* [illegible]—[illegible]
* [illegible]—[illegible]
* [illegible]—[illegible]
* [illegible]—[illegible] **GST** [illegible] **null** [illegible]

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[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]:

* [illegible] **(High-intensity interval training):** [illegible]
* [illegible]: [illegible] **50** [illegible] **60** [illegible] **250** [illegible] **baseline,** [illegible]
[illegible]: [illegible], [illegible], [illegible], [illegible]
[illegible] – [illegible]
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[illegible] — [illegible]

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[illegible]: [illegible], [illegible], [illegible], [illegible] — [illegible] "[illegible]" [illegible] [illegible] [illegible]. [illegible] [illegible]. [illegible] [illegible]. [illegible] [illegible], [illegible] [illegible] [illegible] [illegible], [illegible], [illegible] [illegible] [illegible]

* [illegible]
* [illegible] [illegible], [illegible] [illegible], [illegible] [illegible]

[illegible]:

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] HIIT (High-Intensity Interval Training) [illegible]

[illegible]: [illegible] 250% [illegible]

[illegible]

[illegible], [illegible]

[illegible] – [illegible], [illegible], [illegible]

[illegible], [illegible], [illegible] — [illegible]; [illegible]

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[illegible], [illegible], [illegible]

[illegible]

[illegible]

[illegible] — [illegible] [illegible] [illegible]

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[illegible]

[illegible]

[illegible]

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[illegible] **—** [illegible]

[illegible] **(Hypervigilance) —** [illegible]

[illegible]**:** [illegible]**,** [illegible]**,** [illegible]**,** [illegible]

[illegible]**:** [illegible]**,** [illegible]

[illegible]

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[illegible] — **COMT** [illegible]

[illegible] **COMT** [illegible] **28** [illegible] [illegible] **(Met/Met)** [illegible] **(Val/Val)** [illegible] — [illegible] **COMT** [illegible] [illegible] **COMT** [illegible] — [illegible]

COMT [illegible] **(Met/Met) —** [illegible]
[illegible], [illegible], [illegible] [illegible] [illegible], [illegible], [illegible], [illegible] — [illegible]
COMT [illegible] **(Val/Val) —** [illegible]
[illegible], [illegible], [illegible]
[illegible] — [illegible] **COMT** [illegible] [illegible] **COMT** [illegible] [illegible] [illegible]
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[illegible] [illegible] PHQ-9 [illegible], GAD-7 [illegible], [illegible] [illegible] [illegible] [illegible] [illegible]: [illegible] [illegible] [illegible]

[illegible] [illegible]

[illegible]

[illegible] **COMT** [illegible] **(Met/Met)** [illegible] **methylation** [illegible] **polymorphism** [illegible] **MTHFR** [illegible] **homocysteine** [illegible] [illegible] **methylation** [illegible]—[illegible]— [illegible] [illegible] [illegible] [illegible]

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[illegible]

[illegible]: [illegible]

* [illegible]
* [illegible] "[illegible]"
* [illegible] **homocysteine,** [illegible] **methylation,** [illegible] **B12,** [illegible] **D,** [illegible] **ferritin** [illegible]: [illegible] **COMT** [illegible]" [illegible] **PHQ-9** [illegible]:

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CENTURIAN PAPER C-29

THE TARE

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[illegible]: [illegible] [illegible]

[illegible] — [illegible] **C-29.001** [illegible] **(tare).** [illegible] [illegible] [illegible]

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CENTURIAN PAPER C-30

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[illegible] — [illegible]

[illegible] AA/NA [illegible], [illegible], [illegible]

> [illegible] — [illegible] **C-30.001** [illegible] [illegible] "[illegible]" [illegible] [illegible] [illegible] "[illegible]" [illegible] "[illegible]," "[illegible]," **"nafs,"** "[illegible]," **"qliphoth,"** [illegible] "[illegible] **orisha"** [illegible] — [illegible], [illegible], [illegible] — [illegible] [illegible]**:** [illegible] [illegible] [illegible]
>
> **Recovery Kernel** [illegible] [illegible] [illegible]

SLOTH (Acedia) — [illegible] **Acedia** [illegible]: [illegible] — [illegible] [illegible]
THE TARE VIOLATION: [illegible] [illegible] [illegible] **THE ADDICTION PROFILE:** [illegible] — [illegible] [illegible]: [illegible] [illegible] [illegible] **THE RECOVERY:** [illegible] [illegible]—[illegible]

[illegible] **(Gluttony) —** [illegible]

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[illegible]—[illegible]

[illegible]

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[illegible]—[illegible] [illegible]

[illegible] **is needed to reach the previous level.** [illegible] [illegible] **THE EXPANSION SEQUENCE:** [illegible] **C-29** [illegible] [illegible] **1 (**[illegible]**)** [illegible] **4 (**[illegible]**)** [illegible]: [illegible] → [illegible] → [illegible] → [illegible]

[illegible]—[illegible]

[illegible] [illegible] [illegible] [

□□□

Ketamine [illegible] [illegible]: [illegible], [illegible], [illegible]

[illegible] "[illegible]" **(Ajna):** [illegible], [illegible] **ketamine** [illegible] "[illegible]" [illegible]

[illegible]: [illegible] "[illegible]" [illegible]:
* **muladhara** [illegible] ([illegible] - [illegible])
* **svadhisthana** [illegible] **(sacral —** [illegible]**), manipura** [illegible] ([illegible] — [illegible]**), anahata** [illegible] ([illegible] — [illegible]**), vishuddha** [illegible] ([illegible] — [illegible])

KETAMINE [illegible]: **Ketamine cystitis —** [illegible] [illegible] [illegible]: [illegible] **(third eye)** [illegible] [illegible] [illegible] **(root chakra)** [illegible] [illegible] [illegible]: [illegible] [illegible] [illegible] [illegible] — [illegible]

[illegible] MDMA / [illegible]

MDMA [illegible] **(**[illegible]**)** [illegible]: [illegible], [illegible], [illegible] [illegible]

[illegible]:

[illegible] **—** [illegible] [illegible] **(**[illegible]**),** [illegible] [illegible] **(**[illegible]**),** [illegible] **(**[illegible]**).**

[illegible] **MDMA** [illegible] [illegible]

[illegible]: **MDMA** [illegible] [illegible] [illegible] **MDMA** [illegible] [illegible] [illegible] [illegible]

[illegible]

[illegible]: [illegible]—[illegible] [illegible]; [illegible] [illegible] [illegible]—[illegible]; [illegible] [illegible] [illegible]—[illegible] [illegible] [illegible]—[illegible]; [illegible] [illegible] **4** [illegible] **AA/NA** [illegible] [illegible]—[illegible]; [illegible] [illegible] **4-5** [illegible] "[illegible]" [illegible]; [illegible] [illegible]; [illegible] [illegible] — [illegible], **nafs ammara** [illegible], **tapas** [illegible], [illegible] **orisha** [illegible], **qliphoth** [illegible]; [illegible] [illegible] [illegible]

[illegible] — [illegible] [illegible] "[illegible]" [illegible]

[illegible] — [illegible], [illegible], [illegible], [illegible] [illegible], [illegible] — [illegible]; [illegible] [illegible]; [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] "[illegible]" [illegible] [illegible] [illegible]

CENTURIAN PAPER C-27

[illegible]

[illegible], [illegible], [illegible]

[illegible] [illegible]

[illegible] — [illegible] **C-27.001** [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]—[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]—[illegible] [illegible] [illegible] [illegible]—[illegible] [illegible] [illegible] [illegible] [illegible]… [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] — [illegible] "[illegible]": [illegible], [illegible], [illegible], [illegible], [illegible], [illegible] [illegible] [illegible] [illegible]

[illegible] — [illegible] [illegible] [illegible]

— C-27.3 —

The Real Wall

[illegible] [illegible]2

The Mountain Track — [illegible] **(15–25** [illegible]**):** [illegible]; [illegible] [illegible] [illegible]

[illegible], [illegible] **3** [illegible], [illegible] [illegible] [illegible]
[illegible]
[illegible]: [illegible]. [illegible]. [illegible]. [illegible] [illegible], [illegible]. [illegible]: [illegible] [illegible] [illegible] [illegible]—[illegible] [illegible] [illegible] [illegible] [illegible] **10,000** [illegible]—[illegible] [illegible] [illegible] "[illegible]" [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible]:
* [illegible] — [illegible]; [illegible]
* [illegible] — [illegible]: [illegible], [illegible], [illegible], [illegible], [illegible]; [illegible] [illegible]; [illegible] ≠ [illegible]
* [illegible] — [illegible], [illegible]; [illegible] "[illegible] [illegible]" [illegible] [illegible]
* [illegible] — [illegible]; [illegible]; [illegible] "[illegible]" [illegible] [illegible] — [illegible]: **15–25** [illegible]; [illegible] [illegible]: **10–20** [illegible]; [illegible] [illegible] [illegible] — [illegible] [illegible] [illegible] [illegible]

[illegible] (**[illegible]**) [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

CENTURIAN PAPER C-28

THE RECAST

[illegible]

[illegible]

[illegible] — [illegible] **C-28.001** [illegible] [illegible] [illegible] — [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] — [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

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[illegible]

[illegible]:

* [illegible]
* [illegible]
* [illegible]
* [illegible]

[illegible] CENTURIAN [illegible] C-28 — [illegible]

— [illegible] 5 —

[illegible] 6 — [illegible] [illegible], [illegible] [illegible]

[illegible], [illegible], [illegible] [illegible]

*[illegible] [illegible] [illegible] [

[illegible] 24

[illegible]

[illegible], [illegible], [illegible]

— [illegible] —

[illegible]

[illegible] [illegible] [illegible] [

[illegible]:

[illegible]
[illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible]
[illegible]—[illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible]
[illegible]

[illegible]
[illegible]
[illegible] [illegible]... [illegible] "[illegible]
[illegible] [illegible]" [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible]

[illegible]: [illegible] [illegible]: [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible]... [illegible]
[illegible] [illegible]
[illegible]

— 24.2 —

[illegible]

[illegible]

[illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible]

[illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible]
[illegible]: [illegible]
[illegible] [illegible]
[illegible] [illegible]
[illegible]

[illegible] [illegible]
[illegible] [illegible]: [illegible]
[illegible] [illegible]—[illegible]
[illegible] [illegible]

[illegible] "[illegible]"

[illegible]

[illegible], [illegible]

[illegible]

[illegible]

[illegible]:

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] [illegible]: [illegible], [illegible], [illegible] [illegible] [illegible] [illegible].

[illegible] [illegible] [illegible] [

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[illegible]: [illegible], [illegible], [illegible] [illegible] [illegible]

[illegible]

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[illegible]

[illegible] 25

THE OPEN DOOR

[illegible]: [illegible], [illegible] [illegible] [illegible]

— [illegible] [illegible] —

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[illegible]

— 25.4 —

[illegible]

[illegible]

[illegible] — [illegible] [illegible]: [illegible], [illegible]; [illegible]; [illegible]

[illegible]

[illegible]:

[illegible]:
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] "[illegible]" [illegible] — [illegible]

[illegible]

[illegible]
[illegible]
[illegible]
[illegible]

[illegible]
[illegible]
[illegible]

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— 25.5 —

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[illegible] [illegible] [illegible] — [illegible] — [illegible], [illegible], [illegible], [illegible], [illegible] [illegible] [illegible]

[illegible]

— 25.6 —

[illegible]

[illegible]

[illegible] **25 —** [illegible]
[illegible]
[illegible]—[illegible]
[illegible]
[illegible]
[illegible]—[illegible]
[illegible]
[illegible]—[illegible]
[illegible]
[illegible]: [illegible]
[illegible]: [illegible] [illegible]
[illegible]: [illegible]
[illegible]: [illegible]
[illegible]—[illegible] [illegible] [illegible] [illegible]—
[illegible]
[illegible] [illegible]; [illegible]
[illegible]: [illegible] [illegible]
[illegible] [illegible] [illegible] [

[illegible]

[illegible]

[illegible]

END OF PROTOCOL 25 — THE OPEN DOOR

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APROPOS THERAPY

Now You're Up Schitt's Creek — [illegible]

[illegible]: [illegible] [illegible]

[illegible] — [illegible] **C-31.001** [illegible]: [illegible] [illegible] [illegible]

□□□□□□□ **1:** □□□□□□□ **(□□□□□□□□□□)**
□□□□□□□□□□□□□□□□□□□□□□□□□□□□ □□□□□□□□□□□□□□□□□□□□

Euphoria (2+)
Green+ Sacral/trauma — [illegible] **fentanyl**
Opioid; adolescent trauma HIGH — [illegible]
The Wire (5)
Green Structural ecology — [illegible]
All substance classes LOW — [illegible]
Fleabag (2)
Green Lust/grief — [illegible]
Sexual compulsion; grief MODERATE — [illegible]
The Bear (3+)
Green Sloth/pride — [illegible]/[illegible]
Control; perfectionism; [illegible] [illegible]
[illegible]
Requiem for a Dream ([illegible]**)**
Green+ [illegible]
[illegible] **—** [illegible]
[illegible] **+** [illegible] [illegible] **—** [illegible]
[illegible]

Series-Specific Processing Questions

SCHITT'S CREEK: [illegible]**?**
[illegible] [illegible] [illegible]
[illegible]**?**

BREAKING BAD: [illegible] [illegible] **"**[illegible] [illegible]**"** [illegible] **–** [illegible]
[illegible] [illegible]**?** [illegible]**?** [illegible]
[illegible]**?**

NURSE JACKIE: [illegible]**?** [illegible]
[illegible]**?**

SHAMELESS: Am [illegible] [illegible] [illegible] [illegible]**?** [illegible] **—** [illegible]
[illegible]**?** [illegible] **—** [illegible] [illegible]
[illegible]**?**

BOJACK HORSEMAN: [illegible] [illegible]
[illegible] [illegible]**?** [illegible]
[illegible]**?**

THE BEAR: [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible]**?**

[illegible]**:**

* [illegible]**—**[illegible] [illegible]
[illegible]**;** [illegible] [illegible]
[illegible]
* [illegible] **—** [illegible] **1:** [illegible]
[illegible]**;** [illegible] **2:** [illegible] [illegible]
[illegible]

* [illegible]—[illegible]; [illegible] [illegible]; [illegible]
* [illegible]—[illegible]; [illegible]; [illegible], [illegible] [illegible] **Schitt's Creek** [illegible] — [illegible] [illegible] **Breaking Bad** [illegible] — [illegible] [illegible]; [illegible] **BoJack Horseman** [illegible] **Recovery Kernel** [illegible] — [illegible] **Recovery Kernel** [illegible] [illegible] — [illegible] [illegible] [illegible]

[illegible]

[illegible] CENTURIAN [illegible] C-31 — [illegible]

[illegible] 35

[illegible]

[illegible] [illegible] [illegible] — [illegible]

— [illegible] [illegible] —

[illegible]

[illegible]
[illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible]
[illegible]
[illegible] — [illegible] **trillions** [illegible] [illegible]
[illegible]
[illegible] **3** [illegible] [illegible], [illegible], [illegible] **GABA** [illegible] [illegible], [illegible] **(blood-brain barrier),** [illegible], [illegible], [illegible], [illegible], [illegible] — [illegible] [illegible] "[illegible]" [illegible] [illegible] [illegible] [illegible]: [illegible], [illegible], [illegible] [illegible] [illegible] [illegible] [illegible]

— 35.1 —

[illegible]

[illegible] [illegible]

[illegible] [illegible]—[illegible] [illegible] [illegible]

[illegible]

[illegible] **500** [illegible] **1,000** [illegible] [illegible] [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]; [illegible] *Lactobacillus* [illegible] *Bifidobacterium* [illegible] [illegible]; [illegible]

[illegible], [illegible], [illegible]

[illegible]-[illegible] (GABA) [illegible]

[illegible] — [illegible]

[illegible]; [illegible]; [illegible] [illegible]

[illegible], [illegible], [illegible]

[illegible]; [illegible]

[illegible] — [illegible]

[illegible]; [illegible]; [illegible] *Candida*; [illegible] [illegible]

[illegible], [illegible], [illegible], [illegible]

[illegible], [illegible], [illegible]

[illegible] — [illegible]

[illegible]; [illegible] [illegible]

[illegible] [illegible] [illegible]

[illegible] [illegible]

— 35.2 —

[illegible]

[illegible]

[illegible] [illegible] [illegible]—[illegible]—[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] "[illegible] [illegible]"

[illegible] [illegible] [illegible] **"quorum sensing"** [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], [illegible], [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

— 35.3 —

[illegible]

[illegible]?

[illegible]

[illegible] CYP450 — [illegible]

[illegible] **CYP450** [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] — [illegible] [illegible]

— 35.4 —

[illegible]

[illegible] vs. [illegible]

[illegible], [illegible], [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible]

[illegible] **GABA** [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] — [illegible], [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]—[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [

[illegible]

> [illegible]

— 35.6 —

[illegible]

[illegible]

[illegible]

> [illegible]

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[illegible] ([illegible], [illegible]), [illegible] ([illegible], [illegible] [illegible]), [illegible] ([illegible], [illegible], [illegible])

[illegible]

[illegible]

[illegible], [illegible], [illegible], [illegible], [illegible]; [illegible] [illegible] ([illegible])

[illegible]; [illegible] [illegible]

[illegible] ([illegible]), [illegible] [illegible], [illegible], [illegible] [illegible]

[illegible]; [illegible]; [illegible]

[illegible]: 2-4 [illegible]
[illegible]: 3-6 [illegible]

[illegible]

[illegible] — [illegible]

[illegible] — [illegible], [illegible], [illegible] [illegible]: [illegible], [illegible], [illegible]... [illegible]:

[illegible]: [illegible], [illegible], [illegible], [illegible] [illegible]—[illegible]—[illegible]

[illegible]

[illegible]

[illegible]

[illegible] 35 — [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] **GABA** [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] [

[illegible]

[illegible]

[illegible] **35 —** [illegible]

[illegible] 39

[illegible]

[illegible] — [illegible]

— [illegible] —

[illegible]: [illegible] [illegible] **(Sequential Intercept Model - SIM)** [illegible] [illegible] [illegible]

[illegible]

[illegible]

[illegible] [illegible] [illegible] [

[illegible] **0** [illegible] **1 —** [illegible]
[illegible] — [illegible] — [illegible]
[illegible]: [illegible]
[illegible]? [illegible]?
[illegible]? [illegible]
[illegible] — [illegible]
[illegible]... [illegible] [illegible] [illegible]
[illegible] **Intercept 2** [illegible]
[illegible] [illegible] [illegible] [

[illegible] - [illegible]

Intercept 3 — [illegible]

Intercept 3 — [illegible] [illegible] [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

— 39.3 —

[illegible]

[illegible], [illegible], [illegible]

[illegible] — [illegible], [illegible] (SIM) [illegible]:

[illegible]

SIM Intercept

[illegible]

[illegible] - [illegible]

Intercept 2 — [illegible]

[illegible]

[illegible]

Intercept 3 — [illegible]

[illegible], [illegible]

[illegible] Medicaid

□□□

[illegible] 40

[illegible]

[illegible], [illegible], [illegible] [illegible] - [illegible]

— [illegible] [illegible] —

[illegible]: [illegible] [illegible] [illegible]—[illegible], [illegible], [illegible] [illegible] [illegible]

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[illegible]: "[illegible]" [illegible] [illegible]:
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[illegible] - "[illegible]
[illegible]" - [illegible]
[illegible] [illegible]
[illegible]

[illegible] - [illegible] [illegible]
[illegible] - [illegible]
[illegible]

[illegible]—[illegible] [illegible]
[illegible] [illegible] [illegible]—[illegible]
[illegible] '[illegible]' [illegible] '[illegible]
[illegible]'

[illegible]
[illegible] [illegible]
[illegible]

[illegible] [illegible]
[illegible] [illegible]
[illegible]
[illegible]—[illegible] [illegible]
[illegible]

— 40.2 —

The Re-Entry — [illegible]

[illegible]

* *[illegible] 100%*
* *[illegible]*
* *[illegible]*

* [redacted]
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[redacted]

[redacted] — [redacted]

[redacted] "[redacted]" [redacted] "[redacted]" [redacted] [redacted] [redacted]

[illegible]

[brackets] [illegible]

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[illegible]—[illegible]
[illegible]

— 40.4 —

[illegible]

[illegible]

[illegible]: [illegible]
[illegible]—[illegible], [illegible],
[illegible] [illegible]
[illegible] "[illegible]" [illegible]
[illegible] [illegible]
[illegible]—[illegible],
[illegible], [illegible]
[illegible] [illegible] "[illegible]"
[illegible] [illegible]
[illegible]: [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] '[illegible]' [illegible] '[illegible]' [illegible]
[illegible]

[illegible] [illegible]
[illegible] [illegible]

[illegible]

[illegible] **40 —** [illegible]

[illegible] 41

[illegible]

[illegible]: [illegible] [illegible] [illegible]

— [illegible] —

[illegible]: [illegible] [illegible] [illegible]

[illegible]

[illegible]

[illegible] [illegible] [illegible] [

[illegible]

[illegible]

[illegible]

□□□

[illegible]

[illegible] — [illegible]

[illegible] **(Vivitrol)** [illegible]— [illegible]

[illegible]

[illegible] — [illegible]—[illegible]—[illegible]

[illegible]

[illegible] — [illegible]

[illegible]

[illegible]

[

[illegible]

[illegible]

[illegible]
[illegible]
[illegible]

[illegible]

[illegible]
[illegible]
[illegible], [illegible], [illegible], [illegible] – [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]

[illegible]
[illegible]
[illegible] [illegible] [illegible]
[illegible] **20** [illegible]
[illegible].

[illegible] "[illegible]"
"[illegible] [illegible]
[illegible] [illegible]"
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] **Intercept 1**
[illegible]
[illegible]
[illegible]

[illegible]
—[illegible]
[illegible]
[illegible]
[illegible]
[illegible]

[illegible]—[illegible]
[illegible]

[illegible]

[illegible] **41 —** [illegible]

— [illegible] 6 —

[illegible] VII — [illegible]

[illegible], [illegible], [illegible], [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]:

* [illegible]
* [illegible]
* [illegible]
* [illegible]
* [illegible]

[illegible] [illegible]

[illegible] 35S

[illegible]

[illegible] [illegible] [illegible] [illegible]—[illegible]

— [illegible] [illegible] —

> [illegible]
>
> [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] [

[redacted]

[redacted]

[redacted]

[redacted] **MDMA,** [redacted] – [redacted] [redacted] [redacted]

[illegible] (1998, 2) [illegible]

> [illegible] — [illegible]
> [illegible]
> [illegible]
> [illegible]: [illegible] [illegible] [illegible] [illegible] [illegible]
> [illegible] [illegible] [illegible] [illegible]
> [illegible] [illegible] [illegible] [illegible]
>

[illegible] "[illegible]" [illegible] **MDMA** [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]:

[illegible]
* [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible]

[illegible], [illegible], [illegible]

[illegible]: [illegible] **Meeting Point** [illegible] [illegible] [illegible]

[illegible]

[illegible] — [illegible]

[illegible] **MDMA,** [illegible], [illegible], [illegible] **4** [illegible]:
[illegible] — [illegible] **(Naloxone)** [illegible] **opioid** [illegible] **fentanyl** [illegible] **opioid** [illegible] **overdose** [illegible]—[illegible]

— 35S.5 —

[illegible] - [illegible]

[illegible]

[illegible]:

* [illegible] — [illegible]
* [illegible] — [illegible]
* [illegible]
* [illegible] **Naloxone** [illegible]
* [illegible]; [illegible]
[illegible]
* [illegible]
* [illegible]
* [illegible] — [illegible] "[illegible]" [illegible]
[illegible]
* [illegible]
* [illegible]

[illegible]:
* [illegible]:
* [illegible]:
* [illegible]:
* [illegible]:
* [illegible]:

[illegible]:
* [illegible] -
* [illegible] -
* [illegible] -
* [illegible] -
* [illegible] -

[illegible]: [illegible] **—** **15** [illegible]

END OF PROTOCOL 35S — FESTIVAL STABILIZATION.

[redacted] 35S.b

[redacted]

[redacted]: [redacted]

— [redacted] —

[redacted]

[redacted]

— 35S.b.1 —

[redacted]

[redacted]

[redacted]

[illegible]: [illegible]

[illegible] [illegible]

[illegible] [illegible]: "[illegible] [illegible]" [illegible]—[illegible] [illegible] [illegible]—[illegible] [illegible]—[illegible] [illegible] [illegible] [illegible]

[illegible] [illegible]: [illegible] [illegible]

[illegible] [illegible]: [illegible] "[illegible]" [illegible]—[illegible] [illegible] [illegible] [illegible]—[illegible] [illegible] [illegible] [

[illegible], [illegible], [illegible] — [illegible]

[illegible]

[illegible] — [illegible]

[illegible] [illegible] [illegible]

[illegible]

[illegible] — [illegible] [illegible]

[illegible] [illegible]

[illegible] [illegible]—[illegible]

[illegible] [illegible]

'[illegible]' '[illegible]' '[illegible]?' '[illegible]...'

[illegible]—[illegible]

[illegible] '[illegible] *[illegible]* [illegible] [illegible] *[illegible]* [illegible] [illegible] *[illegible]* [illegible]

[illegible]' [illegible] [illegible]

[illegible] '[illegible]' [illegible] '[illegible]

[illegible]: [illegible]

[illegible] [illegible]

[illegible] [illegible]

[illegible] [illegible]

[illegible] [illegible]

[illegible] '[illegible]', '[illegible]', '[illegible]

[illegible]' [illegible]

— 35S.b.2 —

[illegible]

[illegible] [illegible]

[illegible]

[illegible]

[illegible]: [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

наиve

[illegible]

[illegible]

[illegible]

[illegible]: [illegible] **(**[illegible] **)** [illegible]

[illegible] — [illegible], [illegible] — [illegible] [illegible] [illegible]

[illegible]:

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]?

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]:

1. [illegible]:
   * [illegible]
   * [illegible]
   * [illegible]
   * [illegible]

2. [illegible]:
   * [illegible]

   * [illegible]
   * [illegible]

3. [illegible]:
   * [illegible]
[illegible]
   * [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible]
[illegible]

[illegible]
[illegible]: [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible]
[illegible]

[illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible]
[illegible]... [illegible]
[illegible]

— 35S.b.4 —

[illegible]

[illegible] [illegible] [illegible]

[illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible]

[illegible] [illegible] [illegible]
[illegible] [illegible]
[illegible]

[illegible]
[illegible]
- [illegible] — [illegible] [illegible]
- [illegible]
- [illegible]
[illegible]

[illegible]

[illegible]
- [illegible]
- [illegible]
- [illegible] [illegible] [illegible]

[redacted] [redacted]

* [redacted]
* [redacted] — [redacted]
[redacted]
* [redacted] — [redacted] "[redacted]; [redacted]
[redacted] [redacted]"
* [redacted]
* [redacted] [redacted]
* [redacted] **(performative)**

[redacted]:

* [redacted]
* [redacted]
* [redacted] [redacted] [redacted] [redacted]
[redacted]
[redacted]: [redacted]
[redacted] [redacted]? [redacted] — [redacted] [redacted]
[redacted] — [redacted]
[redacted] [redacted]
[redacted] [redacted] [redacted] [redacted]
[redacted] [redacted]

— 35S.b.5 —

The Final Reframe

[redacted] [redacted]

[redacted] [redacted]
[redacted] [redacted] [redacted]
[redacted]

[redacted]: [redacted] — [redacted]

[redacted]:
'[redacted] [redacted] [redacted] [redacted]'

[redacted] [redacted]
[redacted]

[redacted]?

[redacted] [redacted]
[redacted] [redacted]
[redacted]

[redacted] [redacted]

[illegible] — [illegible]
[illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible]
[illegible]: [illegible]
[illegible], [illegible]
[illegible]: '[illegible] **2018**
[illegible] **2020** [illegible]...' [illegible] [illegible]' [illegible]
[illegible]
[illegible]
[

[illegible]

[illegible] **35S.b — [illegible]**
[illegible]
* [illegible]—[illegible], [illegible] [illegible] [illegible]; [illegible]
* [illegible]—[illegible], [illegible] [illegible]; [illegible] [illegible]

[illegible] (**[illegible]**, [illegible]) [illegible] [illegible]

[illegible]; [illegible]

[illegible]
* [illegible]: [illegible]
[illegible]: [illegible]
[illegible]: [illegible]
[illegible]: [illegible] — [illegible]
[illegible]: [illegible], [illegible], [illegible]
[illegible]
[illegible]: [illegible](**[illegible]**)[illegible]
[illegible] — [illegible]
[illegible]
[illegible]; [illegible]
[illegible]; [illegible] — [illegible]
[illegible]

[illegible]

[illegible]

[illegible]

PROTOCOL 35S.c

THE FRICTION PROTOCOL

[illegible]

— [illegible] —

[illegible]

[illegible]

— 35S.c.1 —

The Grey Phase

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

> [illegible] "[illegible]" [illegible]
>
> [illegible]
>
> [illegible] "[illegible]": [illegible]
>
> [illegible]
>
> [illegible]

[illegible]:

- [illegible]
- [illegible]
- [illegible]?
- [illegible]

[illegible]

[illegible] — [illegible]

[illegible]

[illegible]

[illegible] — [illegible]

[illegible]

[illegible]

[illegible] [illegible] [illegible]

[illegible], [illegible], [illegible] [illegible]
[illegible]

[illegible]

[illegible]

[illegible] [illegible] – [illegible]

[illegible]; [illegible]

[illegible]

[illegible]

Normalized — full sensitivity restored

[illegible] [illegible] [illegible] [illegible]
[illegible]

[illegible]

[illegible] "[illegible]" [illegible]

[illegible] [illegible]
[illegible]

'[illegible] [illegible] [illegible]
[illegible] [illegible]
[illegible] "[illegible]" [illegible] [illegible]'

[illegible]

[illegible] "[illegible]" [illegible]
[illegible] [illegible], [illegible], [illegible], [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible]
[

[illegible]

[illegible]?

[illegible]: [illegible]
[illegible]—[illegible]—[illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible]: [illegible], [illegible]
[illegible], [illegible] [illegible]
[illegible]

[illegible]:

* [illegible] **(Opioids) —** [illegible]
  [illegible]
  [illegible]
  [illegible] [illegible]
[illegible]
  [illegible]
  [illegible] [illegible] [illegible]
[illegible]

* [illegible] **(Stimulants) —** [illegible]
  [illegible]
  [illegible] [illegible] [illegible]
[illegible] [illegible]
[illegible]
  [illegible] [illegible] [illegible]
[illegible]

* [illegible] **—** [illegible]
  [illegible]
  [illegible]
  [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] **—** [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible]

* **[illegible]:** [illegible], [illegible]
  [illegible]
  [illegible]
  [illegible]
  [illegible]
  [illegible]

* **[illegible]:** [illegible]
  [illegible]
  [illegible]
  [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible]

[illegible] [illegible]
[illegible]
[illegible]
[illegible]
[illegible] [illegible]
[illegible]

[illegible] [illegible]
[illegible]
[illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible]

— 35S.c.3 —

[illegible]

[illegible] [illegible]

[illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible]

[illegible]

[illegible]
[illegible] [illegible]—[illegible]
[illegible] [illegible] [illegible] [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

— 35S.c.4 —

[illegible]

[illegible]

[illegible]

[illegible] — [illegible]: [illegible]
[illegible]: [illegible]
[illegible]: [illegible], [illegible], [illegible], [illegible], [illegible], [illegible], [illegible], [illegible], [illegible], [illegible]
[illegible]: [illegible]
[illegible]: [illegible]
[illegible] — [illegible]: [illegible]
[illegible]: [illegible]
[illegible]
[illegible]—[illegible]
[illegible]: [illegible], [illegible], [illegible], [illegible], [illegible], [illegible], [illegible], [illegible], [illegible], [illegible]
[illegible]: [illegible]
[illegible]: [illegible]—[illegible]...
[illegible]

[illegible] **1-2** [illegible]

[illegible] — [illegible]: [illegible] [illegible]: [illegible] [illegible] [illegible] [illegible]: [illegible], [illegible], [illegible], [illegible], [illegible], [illegible], [illegible], [illegible] [illegible] [illegible]: [illegible] "[illegible]" [illegible] [illegible] [illegible]

[illegible]
[illegible]: [illegible], [illegible], [illegible], [illegible], [illegible], [illegible], [illegible] — [illegible]
[illegible]: [illegible]
[illegible]: [illegible], [illegible]
[illegible]
[illegible]: [illegible]
[illegible]: [illegible]
[illegible]
[illegible]
[

[redacted]

[redacted]

[redacted]

[illegible]

[illegible]: [illegible] [illegible] [illegible]

* [illegible]?
* [illegible]?
* [illegible] "[illegible]" [illegible]?

[illegible]

* [illegible]?
* [illegible]?
* [illegible]—[illegible]? [illegible]? [illegible] [illegible]—[illegible] [illegible] [illegible] [illegible]: [illegible]

[illegible] [illegible] [illegible] [

[illegible] 35S.d

[illegible]

[illegible]—[illegible], [illegible], [illegible]

— [illegible] [illegible] —

[illegible]: [illegible] [illegible], [illegible], [illegible], [illegible], [illegible], [illegible], [illegible] "[illegible]" [illegible] [illegible] [illegible]

[illegible]

[illegible]

[illegible]

[illegible] 02 [illegible]: [illegible], [illegible], [illegible], [illegible], [illegible] [illegible] "[illegible]" [illegible]

[illegible]:

* [illegible] [illegible] "[illegible]" [illegible] "[illegible]" [illegible] "[illegible]" [illegible] [illegible] [illegible]

[illegible]

[illegible]:

* **Trichotillomania —** [illegible]
  [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] **1** [illegible] **2** [illegible]
  [illegible]
  [illegible]

* **Excoriation —** [illegible]
  [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] **(OCD).**

[illegible]: [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

BFRB

(BFRB) **—**

(fidget tool) **BFRB**

BFRBs

— 35S.d.3 —

Kleptomania

(Kleptomania) —

:

:

[illegible] **(cognitive behavioral therapy)** [illegible] **SSRIs** [illegible] "[illegible]" **(urge surfing),** [illegible] **(trigger mapping)** [illegible]

Pyromania — [illegible]

[illegible] **Pyromania** [illegible]— [illegible]

[illegible]

[illegible] **Pyromania** [illegible]; [illegible]; [illegible]

[illegible] **Pyromania** [illegible]: [illegible]

[illegible] — [illegible]

[illegible] **(Intermittent Explosive Disorder) —** [illegible]: [illegible] "[illegible]" [illegible]: [illegible], [illegible] — [illegible] **DBT (Dialectical Behavior Therapy)** [illegible]:

— 35S.d.4 —

[illegible]

[redacted]

* *[redacted]*

[redacted]

[redacted] — [redacted]
[redacted] [redacted] [redacted]: [redacted]
[redacted]; [redacted]
[redacted]; [redacted]; [redacted]
[redacted]
[redacted]: [redacted] [redacted] **"hustle"** [redacted]
[redacted] [redacted]—[redacted] [redacted] [redacted]
[redacted]—[redacted]

[redacted]
[redacted]: [redacted]
[redacted]
[redacted]

[redacted]: [redacted]
[redacted] [redacted]
[redacted]? [redacted]
[redacted]: [redacted]? [redacted]
[redacted]: [redacted]
[redacted]: [redacted]

[redacted] — [redacted]

[redacted]: [redacted]
[redacted], [redacted]
[redacted], [redacted]
[redacted] [redacted], [redacted]
[redacted]

[redacted]: [redacted]
[redacted]

> [illegible]
>
> "[illegible]" — [illegible] [illegible] [illegible]

[illegible]

[illegible]

[illegible] **—** [illegible]

[illegible]

[illegible]**?** [illegible]

[illegible]:
* [illegible]:
* [illegible]**?** [illegible]**?**

[illegible]:
* [illegible]: **Sex and Love Addicts Anonymous; Codependents Anonymous;** [illegible] **(attachment-focused therapy)**

[illegible]:

— 35S.d.6 —

[illegible]

[illegible]

[illegible] [illegible], [illegible], [illegible], [illegible] [illegible] [illegible]: [illegible], [illegible], [illegible], [illegible] [illegible] [illegible]

[illegible]: [illegible]
[illegible]
[illegible]: [illegible]
[illegible]

[illegible]
[illegible]...** [illegible] **35S.c** [illegible]
[illegible]: [illegible] "[illegible]" [illegible]
[illegible]

— 35S.d.7 —

[illegible]

[illegible]

[illegible]

[illegible] [illegible] [illegible] [illegible], [illegible], [illegible], [illegible] — [illegible]
[illegible]

[illegible]: [illegible]:

[illegible]
[illegible]?
[illegible]?
[illegible], [illegible], [illegible]
[illegible]?
[illegible]?
[illegible]?
[illegible]?

[illegible] "[illegible]" [illegible]...
[illegible]

[illegible]—[illegible]

[illegible]

[illegible]

[illegible]
[illegible] — [illegible], [illegible], [illegible] — [illegible]

— 35S.d.8 —

The Genetic Foundation

[illegible]

[illegible]: [illegible], [illegible], [illegible], [illegible]

MTHFR [illegible] COMT — [illegible]

* [illegible] **MTHFR — [illegible] (methylation pathway)** **Methylenetetrahydrofolate reductase** [illegible] **(C677T [illegible] A1298C)** [illegible] **Val/Val ([illegible] — [illegible] "[illegible]")** [illegible] **Met/Met ([illegible] — [illegible] "[illegible]")** [illegible]

* [illegible] **COMT — [illegible] Catechol-O-methyltransferase** [illegible] **Val/Val ([illegible] — [illegible] "[illegible]")** [illegible] **Met/Met ([illegible] — [illegible] "[illegible]")** [illegible]

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[illegible]

[illegible]: [illegible]? [illegible]? [illegible]?
[illegible]
[illegible]
[illegible]
[illegible]

[illegible] [illegible]-[illegible]-[illegible]-[illegible]
[illegible] [illegible]
[illegible] "[illegible]" [illegible]
[illegible]: [illegible], [illegible], [illegible], [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] "[illegible]" [illegible] "[illegible]" [illegible]
[illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [

[illegible] 38

SELF SHRAPNEL ****&**** BURDENSCAPING

[illegible]—[illegible] [illegible] [illegible]

— [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] —

> [illegible]: [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

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[illegible]

[illegible] [illegible] [illegible] [

[illegible]: [illegible]; [illegible] [illegible] [illegible]; [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] "[illegible] [illegible] [illegible]" [illegible] [illegible]

[illegible]: [illegible]; [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [

[illegible]: [illegible]; [illegible] [illegible] [illegible]
[illegible]
[illegible]; [illegible]; [illegible]; [illegible] '[illegible]'
[illegible]: [illegible];
[illegible] [illegible]; [illegible] [illegible] — [illegible]

[illegible]: [illegible]; [illegible] "[illegible]"

[illegible]: [illegible] [illegible] — [illegible] [illegible] [illegible]

[illegible]: [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible]: [illegible];
[illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]: [illegible]
[illegible]; [illegible]
[illegible] [illegible] [illegible] [illegible] [

[redacted] (burdenscaping) [redacted] [redacted] [redacted] — [redacted] [redacted]

[redacted] — [redacted]

[redacted] [redacted] [redacted] [redacted]: [redacted] [redacted] [redacted]

[illegible] — [illegible]: [illegible] [illegible] [illegible]

[illegible] **(**[illegible]**)** [illegible] "[illegible]" [illegible] [illegible], [illegible], [illegible], [illegible], [illegible], [illegible] [illegible] [illegible]

□□□

[illegible]: [illegible], [illegible] [illegible] [illegible]

[illegible]

[illegible] **38 —** [illegible] **(Self-Shrapnel)**

[illegible] 43

[illegible]

[illegible], [illegible] [illegible], [illegible]

— [illegible] [illegible] [illegible] —

[illegible] [illegible] [illegible] [

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[illegible] 42

[illegible]

[illegible]

— [illegible] —

[illegible]: [illegible]

[illegible], [illegible], [illegible], [illegible] [illegible] [illegible]

— 42.1 —

[illegible]

[illegible]

[illegible] 35 [illegible] [illegible] [illegible]

[illegible]: [illegible] (prefrontal cortex) [illegible] [illegible] [illegible] [illegible] [illegible] (limbic system) [illegible] (TMS) [illegible] psychedelic [illegible]

[illegible] **(Transcranial Magnetic Stimulation [illegible] TMS)** [illegible] [illegible]. [illegible] **(FDA)** [illegible] **2008** [illegible]—[illegible]—[illegible] [illegible] **2020.** [illegible]: [illegible] **(dorsolateral prefrontal cortex)** [illegible]. [illegible]. [illegible] **30** [illegible] **40%** [illegible] **TMS** [illegible]: [illegible] **FDA** [illegible]; [illegible]: [illegible]; [illegible]; [illegible] **20-30** [illegible] [illegible] **4-6** [illegible] [illegible]: [illegible] **(dorsolateral prefrontal cortex);** [illegible]: [illegible] **50-60%;** [illegible] **30-40%** [illegible] [illegible]: [illegible] [illegible]

[illegible] — [illegible]

[illegible] **"default mode network"** [illegible]

Ketamine [illegible] **(FDA)** [illegible] **Spravato (**[illegible] **esketamine)** [illegible] [illegible] "[illegible]" [illegible]

[illegible] [illegible] [illegible] [illegible] **Psilocybin** [illegible] [illegible] "[illegible]" **(Breakthrough Therapy)** [illegible] [illegible] **(FDA)** [illegible] [illegible] **2018** [illegible]

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[illegible]

NAD+ — [illegible]
Nicotinamide adenine dinucleotide (NAD+) [illegible]

* [illegible] **(IV) —** [illegible]; [illegible] **500–1500** [illegible]; [illegible]
* [illegible] **—** [illegible]; [illegible] **100–200** [illegible]
* [illegible] **—** [illegible] **$50–150** [illegible]

[illegible] **(NMN, NR) —** [illegible]; [illegible] **$40–100** [illegible]; [illegible]

[illegible] **—** [illegible] **30–50%** [illegible]

[illegible]

— 42.4 —

[illegible]

[illegible]

*   *[illegible]*
*   *[illegible]*
*   *[illegible]*

[illegible]: [illegible]

Foundation Before Frontier

[illegible]

[illegible]:
* [illegible]:
* [illegible]:
* [illegible]
MTHFR [illegible]

[illegible] — [illegible]

[illegible]

— 42.5 —

[illegible]:

* [illegible]
* [illegible]
* [illegible]

[illegible]

[illegible]

Ibogaine [illegible]
TMS ([illegible]**)** [illegible]

[illegible]

FMT ([illegible]) [illegible]

NAD+ [illegible]

* [illegible] — [illegible]
* [illegible] — [illegible]
* [illegible]
* [illegible] — [illegible]

[illegible]: [illegible] — [illegible] — [illegible]

— [illegible] VII —

[illegible] 8 — [illegible]

[illegible] HIV/[illegible], [illegible]

[illegible] C-Series [illegible]

CENTURIAN PAPER C-33

[illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] - [illegible] [illegible]

— [illegible] AA [illegible], [illegible] [illegible], [illegible].

[illegible] — [illegible] **C-33.001** [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]—[illegible] [illegible] [illegible] [illegible]... [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible]

[illegible] Alcoholics Anonymous [illegible] 1935 [illegible] Bill Wilson (Bill W.) [illegible] Robert Smith (Dr. Bob) [illegible] Akron [illegible] [illegible] Oxford Group, Varieties of Religious Experience, [illegible] Bill W. [illegible] "Big Book" [illegible]

[illegible]: [illegible] AA (Alcoholics Anonymous).

> [illegible] [illegible] **1935**
>
> [illegible] **1933** [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] [

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The Bar, [illegible]

[illegible]

[illegible]

[illegible]

[illegible] **10%** [illegible] **50%** [illegible]

[illegible] **(alcohol use disorder)** [illegible]: [illegible]

[illegible]

[illegible]

[illegible]

[illegible] **—** [illegible]

[illegible] **42** [illegible] **2020** [illegible]

[illegible] **28** [illegible] [illegible] **1970** [illegible] [illegible] **28** [illegible]

[illegible] **28** [illegible] [illegible]

[illegible] "[illegible]" [illegible]

[illegible] — [illegible]

[illegible] [illegible] [illegible]

[illegible]

[illegible]

[illegible]

— C-33.5 —

[illegible]

[illegible]

[illegible]

[illegible] (Social Darwinism) [illegible]

[illegible] — [illegible]

[illegible] **"survival of the fittest"** [illegible]: [illegible]

[illegible]

[illegible] **1914** [illegible]

[illegible] **—** [illegible]

[illegible] **opioid** [illegible]**,** [illegible] **100:1** [illegible]— [illegible]—[illegible] **CARA (2016)** [illegible] **SUPPORT (2018)** [illegible]**...** [illegible]

[illegible]: [illegible]

[illegible] [illegible] [illegible] [

CENTURIAN PAPER C-32

[illegible]

[illegible] [illegible]

[illegible], [illegible], [illegible], [illegible]

[illegible] — [illegible] **C-32.001** [illegible] [illegible]: [illegible] [illegible] [illegible]—[illegible] [illegible] [illegible] "[illegible]" [illegible] [illegible] **3** [illegible] [illegible] [illegible] [illegible] [illegible]—[illegible] [illegible]... [illegible] [illegible] [illegible] "[illegible] [illegible]" [illegible] "[illegible]" [illegible] [illegible] **HIV** [illegible] [illegible] [illegible] **P-5-P** [illegible] [illegible] [illegible] **17 ([illegible])** [illegible] [illegible] [illegible] [illegible]

[illegible]; [illegible]; [illegible]; [illegible]; [illegible]; [illegible] **REM (Rapid Eye Movement) —** [illegible]; [illegible]; [illegible]; [illegible]; [illegible]

[illegible]:

* [illegible] **N3 (**[illegible] [illegible] [illegible] [illegible]**)**
* [illegible] [illegible]
* [illegible] **—** [illegible] [illegible] **P-5-P —** [illegible]
* [illegible] **(**[illegible] "[illegible]" [illegible] [illegible]**)** [illegible]
* [illegible] [illegible] [illegible] [illegible], [illegible] **P-5-P** [illegible] [illegible]-[illegible], [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible]

— C-32.2 —

[illegible]

[illegible]

[illegible] **(**[illegible], [illegible], [illegible]**)** [illegible]: [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] **SCN (suprachiasmatic nucleus** [illegible] [illegible]**)** [illegible] [illegible] **adenosine** [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]: [illegible] (**1-3** [illegible] [illegible] [illegible]); [illegible] **N3** [illegible]; **REM** [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] **REM** [illegible]: [illegible] **norepinephrine (**[illegible]**)** [illegible] **REM** [illegible] **(**[illegible]**)** [illegible] **5-10** [illegible]

[illegible] **(**[illegible] **GABA):** [illegible] **GABA** [illegible] **GABA** [illegible] **(N3)** [illegible] **REM** [illegible] **GABA** [illegible]: [illegible]; **N3** [illegible]; **REM** [illegible] **REM** [illegible]; [illegible] [illegible]: [illegible] **GABAergic** [illegible] **(receptor downregulation)** [illegible] **GABA** [illegible] **glutamate** [illegible], [illegible], [illegible], [illegible] [illegible] [illegible] [illegible] **(rebound insomnia)** [illegible] **GABA** [illegible]

[illegible]: **THC** [illegible] **(**[illegible]**)** [illegible] **REM** [illegible]: [illegible] [illegible] **REM** [illegible]: [illegible] **(sleep onset latency)** [illegible] **REM** [illegible] **REM** [illegible] **3-6** [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] N3 + REM; [illegible]; [illegible]

□□□

[illegible]

[illegible]: [illegible] **(PLWH)** [illegible] **70%** [illegible] [illegible] [illegible] [illegible]:

[illegible] **1 —** [illegible] **TNF-α** [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]:
[illegible] **TNF-α** [illegible] **TNF-α** [illegible] **NREM** [illegible] [illegible] **TNF-α** [illegible] [illegible] [illegible] **2 —** [illegible] [illegible] **HIV**

[illegible] **HIV** [illegible] **gp120, gp41** [illegible] **gp160** [illegible] [illegible] [illegible] **gp120** [illegible] [illegible] **REM** [illegible] **kinase** [illegible] [illegible] **(ERK)** [illegible] **gp41** [illegible] **gp160** [illegible] [illegible] **NREM** [illegible] [illegible] [illegible] **—** [illegible] [illegible] **—** [illegible] [illegible]

[illegible] **3 — CD4** [illegible]

[illegible] [illegible] **T CD4+** [illegible] **(**[illegible] [illegible]**)** [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] **4 —** [illegible] [illegible] **ART (antiretroviral therapy)** [illegible] [illegible] [illegible] **efavirenz (Sustiva)** [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] **ART** [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]: [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] **(ART)** [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

□□□□□□□□□□□□□□□□□□□□□□□□□□□□□ **HSV** □□□□□□□□□□□□□□□ □□□□□□□□□□□□□□□□□□□□

[illegible] **AADC** [illegible] **5-HTP** [illegible] **P-5-P** [illegible] **(**[illegible] **HIV)** [illegible] **IDO (indoleamine 2,3-dioxygenase)** [illegible] **kynurenine** [illegible] **HIV** [illegible]**:** [illegible] **HIV** [illegible] **IDO** [illegible]**-**[illegible]**:** [illegible] **(P-5-P)** [illegible] "[illegible]" [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

Tryptophan → 5-HTP

[illegible]; [illegible]

[illegible] IDO [illegible]; [illegible]

[illegible]; [illegible]; [illegible] (IDO [illegible])

5-HTP → [illegible]

[illegible] AADC; P-5-P ([illegible] 6 [illegible])

[illegible] P-5-P ([illegible]); [illegible]; [illegible] MTHFR [illegible] 6 [illegible]

[illegible] P-5-P [illegible] 25–50 [illegible]; [illegible] 2 [illegible]; [illegible] MTHFR

[illegible] → [illegible]-[illegible]

[illegible] AANAT; [illegible]

[illegible] ([illegible]); [illegible] (AANAT [illegible])

[illegible]; [illegible] ([illegible])

N-Acetylserotonin → Melatonin

[illegible] ASMT; SAM ([illegible])

[illegible] MTHFR [illegible] SAM (S-adenosylmethionine); [illegible].

[illegible]; [illegible] MTHFR; [illegible] (SAMe) [illegible]

— C-32.5 —

[illegible]

[illegible]

[illegible] **1 —** [illegible] **(**[illegible] **1–4)** [illegible] [illegible] [illegible]

[illegible]: **25–50** [illegible] **P-5-P** [illegible] — [illegible] [illegible] ([illegible] [illegible] [illegible])
[illegible] **HIV** [illegible]: **50–100** [illegible] [illegible] **pyridoxine HCl —** [illegible] **P-5-P** [illegible] **Pyridoxal-5-Phosphate; pyridoxine** [illegible] [illegible] **P-5-P** [illegible] [illegible]: **magnesium glycinate (**[illegible] [illegible] **P-5-P), zinc (**[illegible] **B6)** [illegible] **B2/riboflavin (**[illegible] **P-5-P** [illegible]) [illegible]: [illegible] [illegible]-[illegible] **2–4** [illegible] [illegible]; [illegible] [illegible]

[illegible] **3 —** [illegible] **(**[illegible] **2–12)** [illegible] **SAM (S-adenosylmethionine)** [illegible] [illegible] [illegible] [illegible]

* **Methylfolate (L-methylfolate / 5-MTHF): 400–800mcg** [illegible]; [illegible] [illegible] **MTHFR** [illegible] **SAM**
* **Methylcobalamin (**[illegible] **12** [illegible]**): 1000mcg** [illegible]; [illegible] [illegible] **methylfolate** [illegible]
* **SAMe (S-adenosylmethionine): 200–400mg** [illegible] **(**[illegible], [illegible] [illegible]; [illegible] [illegible] [illegible]**);** [illegible] [illegible] [illegible] [illegible]**: 300–400** [illegible] [illegible] [illegible] [illegible] [illegible] **GABA** [illegible] [illegible] **–** [illegible] [illegible]

[illegible] **HIV:** [illegible] **IDO** [illegible] [illegible] [illegible] **3 (2–4** [illegible] **EPA/DHA** [illegible]**)** [illegible] **IDO** [illegible] [illegible]

[illegible] **4 — CBT-I (**[illegible] **4–12+)** [illegible] [illegible] **(CBT-I)** [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] **CBT-I:** [illegible] **—** [illegible] [illegible] [illegible] [illegible]**;** [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

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[illegible]: [illegible] – [illegible]; [illegible] '[illegible]' [illegible] — [illegible]; [illegible] **N3** [illegible] **(hyperarousal);** [illegible] **N3** [illegible] **REM** [illegible] **GABA;** [illegible] **REM** [illegible] **— IL-1β** [illegible] **TNF-α** [illegible]; **HIV** [illegible] **HIV** [illegible] **70%** [illegible]; [illegible] [illegible] [illegible] **HIV** [illegible], [illegible] **ART** [illegible], [illegible] **IDO** [illegible]: [illegible]; [illegible] [illegible]

[illegible]: [illegible] **MTHFR (**[illegible] **SAM),** [illegible] **P-5-P (**[illegible]**),** [illegible] **IDO** [illegible] **(**[illegible]**)** [illegible]

P-5-P [illegible]: [illegible] **B6** [illegible], [illegible] **GABA,** [illegible] [illegible]; [illegible], [illegible], [illegible] **HIV;** [illegible] **P-5-P (**[illegible] [illegible] **6 (pyridoxine)** [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] **P-5-P,** [illegible] [illegible], **CBT-I** [illegible] **"night stack";** [illegible] [illegible] [illegible] — [illegible] **efavirenz** [illegible] **NNRTIs** [illegible] **(CNS)** [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]; [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible]: [illegible], [illegible] [illegible], [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] CENTURIAN [illegible] C-32 — [illegible]

CENTURIAN PAPER C-32b

[illegible] STI

[illegible]

[illegible] C-32a

[illegible] — [illegible] **C-32b.001** [illegible] **C-32a** [illegible] **HIV** [illegible] **(STI)** [illegible]: [illegible]; [illegible]; [illegible]-[illegible] [illegible] — **herpes** [illegible], **syphilis** [illegible], **gonorrhea** [illegible] **chlamydia** [illegible], [illegible] **HPV** [illegible] **C-32a** [illegible] **HIV** [illegible] **C-32a** [illegible] **-C-32b** [illegible] **HIV, C-32b** [illegible] [illegible] **(Layers 1–5)** [illegible] **C-32a** [illegible]

— C-32b.1 —

[illegible]

[illegible]

[illegible] — [illegible]

[illegible] [illegible] **(STI)** [illegible] [illegible] [illegible] [illegible]-1 [illegible] **(IL-1β),** [illegible]-6 **(IL-6),** [illegible] [illegible] [illegible] [illegible] **(TNF-α)** [illegible]-[illegible] **(IFN-γ)** [illegible] **NREM** [illegible] [illegible] **NREM** [illegible] [illegible]: [illegible] [illegible] [illegible] [illegible] [illegible]

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[illegible] **(aseptic meningitis)** [illegible] **5%** [illegible]—[illegible]

[illegible] **Treponema pallidum** [illegible]—[illegible]

[illegible] **5** [illegible] **12** [illegible]—[illegible] **(endarteritis)** [illegible]:

[illegible] **15–30** [illegible]:

[illegible] **(brain infarcts)** [illegible]

[illegible] —

[illegible] **(neurosyphilis)** [illegible] **neurosyphilis** [illegible] **neurosyphilis** [illegible]:

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(Disseminated gonococcal infection - DGI) [illegible] [illegible] [illegible] — [illegible] [illegible] [illegible] [illegible] **C-32b.1** [illegible] [illegible]: [illegible] **TNF-α, IL-6** [illegible] **IL-1β** [illegible] [illegible] **NREM** [illegible] [illegible] — [illegible] [illegible] [illegible]: [illegible] [illegible] [illegible] [illegible]

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[illegible]

[illegible] **HPV** [illegible]

AHCC (Active Hexose Correlated Compound) — [illegible]; [illegible] **(**[illegible] **2020,** [illegible]**)** [illegible] **AHCC** [illegible] **HPV** [illegible] [illegible] **3** [illegible] [illegible] **6** [illegible]; [illegible] [illegible]; [illegible] [illegible] **HPV**

[illegible] **3 5000 IU** [illegible] **—** [illegible]; [illegible] **HPV** [illegible]; [illegible] [illegible] **(50–70 ng/mL)**

[illegible] **30–50** [illegible] **(**[illegible] **2** [illegible]**) —** [illegible] **T;** [illegible]

[illegible] **(**[illegible] **methylfolate** [illegible] **folic acid) —** [illegible] **HPV;** [illegible] **Pap smear** [illegible]; [illegible] **MTHFR** [illegible] [illegible] **methylfolate** [illegible]

Indole-3-Carbinol (I3C) [illegible] **DIM (diindolylmethane) —** [illegible]; [illegible]; [illegible] **HPV** [illegible]; [illegible] **DIM 200–400** [illegible]

[illegible]**:** [illegible] **HPV** [illegible] **—** [illegible]**:** [illegible], [illegible], [illegible]; [illegible]; [illegible] [illegible]**:** [illegible] **HPV** [illegible]; [illegible] **Pap/colposcopy** [illegible]; [illegible] [illegible] [illegible]**:** [illegible] **HPV** [illegible]

[illegible] **C-26 ([illegible])** [illegible]

— C-32b.6 —

[illegible]

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[illegible] [illegible] [illegible] [

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[illegible]

[illegible] CENTURIAN [illegible] C-32b — [illegible] STI

— [illegible] VIII —

[illegible] IX — [illegible]

[illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] Centurion [illegible] [illegible] (pharmacogenomics) [illegible] [illegible]

[illegible]

[illegible]

[illegible] [illegible] [illegible] [

[illegible] DNA [illegible] "[illegible]" [illegible] DNA [illegible] 0.1% [illegible]

[illegible] Centurion [illegible] Whole Genome Sequencing (WGS) [illegible] 30 [illegible] Whole Genome Sequencing [illegible] 100% [illegible] DNA [illegible] 30,000 [illegible] "30x" [illegible] 30 [illegible] (0.4x [illegible] 1x).

[illegible] Sequencing.com [illegible] WGS [illegible] Variant Call Format (VCF) [illegible] TXT [illegible] DNA 100% [illegible] microarray.

[illegible]

[illegible] 15 [illegible] Centurion [illegible] (LLMs) [illegible] Grok, Gemini [illegible]

[illegible] (VCF

□□□□ TXT) □□□□□

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COMT

Catechol-O-Methyltransferase (Val158Met)

Val/Val — □□□□□□□□□□□□□□□ (□□□□□□□ "□□□□□□")

Val/Met — □□□□□□□□□□□□□□□□□□□□□□□□□□□

Met/Met — □□□□□□□□□□□□□□ (□□□□□□□ '□□□□□□□□□') ⚠

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CYP2D6

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CYP1A2

Cytochrome P450 1A2

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SLC6A4

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Long/Long (l/l) — □□□□□□□□□□□□□□ SERT □□□

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MAOA

Monoamine Oxidase A (□□□□□□□□□□□□□□□□ uVNTR)

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HNMT

Histamine N-Methyltransferase (rs11558538)

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Cytochrome P450 2C9

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GABRA2

GABA-A Receptor α2 Subunit (rs279858 / rs279845)

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FAAH

Fatty Acid Amide Hydrolase (rs324420 / C385A)

C/C — □□□□□□□□ FAAH □□□□□□□□, □□□□□□□□□□□□□□□□□□□□

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- COMT Phenotyping (□□□□□□□□□□□□□□□□□□□□□□ "□□□□□□□" □□□□ "□□□□□□□□"):

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[illegible] COMT

[illegible]

[illegible]

[illegible]

Val/Val ([illegible])
[illegible]
[illegible]
[illegible]; [illegible]

Val/Met ([illegible])
[illegible] 50% [illegible]
Moderate
[illegible]

Met/Met (Sage)
[illegible] 25% [illegible]
[illegible]
[illegible]; [illegible]
[illegible]

[illegible] Val/Val (Warrior), [illegible] [illegible] [illegible]

□□□□ □□□□□□ **4/4** □□□□□□□□□□□ **7-10%** □□□□□□□□□□□□□□□□ □□□□□□□□□ **1%** □□ □□□□□□□□□□□□□□□□ □□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□ **10-15%** □□□□□□□□□□□ **"Intermediate Metabolizer" (IM)**

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CYP2C19 [illegible] [illegible], [illegible] [illegible] [illegible] **"Poor Metabolizer"** [illegible] **2-5%** [illegible] [illegible] **15-20%** [illegible] [illegible] [illegible] **(pharmacokinetic half-life)** [illegible] [illegible] [illegible]

CYP1A2 [illegible] [illegible] **rs762551** [illegible] [illegible] "[illegible]" [illegible] [illegible] "[illegible]" [illegible] **CYP1A2** [illegible] **COMT** [illegible] **Met/Met (Sage)** [illegible] [illegible] [illegible] [illegible]

CYP2C9 [illegible] **tetrahydrocannabinol (THC),** [illegible] [illegible] **nonsteroidal anti-inflammatory drugs (NSAIDs), phenytoin** [illegible] **warfarin** [illegible] [illegible] **"Poor Metabolizer"** [illegible] [illegible] **2/3** [illegible] **3/3** [illegible] **1–3%** [illegible] **25–30%** [illegible] **"Intermediate Metabolizers"** [illegible] [illegible] **Poor Metabolizer** [illegible] **THC** [illegible]—[illegible] [illegible]—[illegible] [illegible] **"outlier responders"** [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

CYP2B6 [illegible] [illegible] [illegible] [illegible]

[illegible] **CYP2B6**

[illegible]

[illegible]

[illegible]

Normal (*1/*1)
Standard
[illegible]
[illegible]

[illegible] (*1/6)
~25–30% IM
[illegible]
[illegible]

[illegible] ([illegible] *6*/6)

□□□□□□□ 3-5% □□□□□□□□□□□□□; □□□□□□□ 8% □□□□□□□□□□□□□□□□□□
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□□□□□□□ Histamine N-Methyltransferase (HNMT) □□□□□□□□

□□□

~10–15%
□□□□□□□□□□ 25%
□□□□□□□□□□

[illegible]

[illegible] 01: [illegible]

[illegible] 01 [illegible] SLC6A4, GABRA2 [illegible] HNMT [illegible]

[illegible] SLC6A4 [illegible] Short/Short [illegible] гда[illegible] (amygdala) [illegible] "[illegible]" [illegible] 01 ([illegible] "[illegible]") [illegible] гда[illegible] [illegible] "[illegible]" [illegible]

[illegible] HNMT [illegible] (T105I) [illegible] 01 [illegible] "[illegible]" ([illegible]) [illegible] COMT Val158Met [illegible]

[illegible] 02: [illegible]

[illegible] 02 [illegible] COMT [illegible] Val/Val (Warrior) [illegible]

□□□

□□□ COMT □□□ Val/Val, □□□□□□□□□□□□□□□□□□□□ □□□□□□□□□□□□□□□□□□□□

- Delta (0.5–4 □□□□□□□□): □□□□□□□□

- [illegible]: [illegible] [illegible] 12-16% [illegible] [illegible]

- [illegible]: [illegible] [illegible] (motor cortex integration), [illegible] (corpus callosum), [illegible] (Default Mode Network) [illegible]

[illegible] 05: [illegible]

[illegible] 05 [illegible] [illegible] [illegible]

□□□□□□□□□□□□□□□□ (TikTok, Instagram, Twitter/X) □□□□□□□□□□□□□ □□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□ □□□□□□□□□□□□□□□□□□□□

[illegible]: [illegible] 08 ([illegible]) [illegible] 16 ([illegible])

"[illegible]" [illegible] 16 [illegible] [illegible] "[illegible]" [illegible] [illegible] 08) [illegible] SLC6A4 [illegible] Short/Short [illegible] [illegible] [illegible] "[illegible]" [illegible] [illegible] "[illegible]" [illegible] [illegible]

[illegible] 25 [illegible]: [illegible] [illegible] "[illegible]" [illegible] [illegible] [illegible] [illegible]

"The Social Firewall" [illegible] [illegible] [illegible] "[illegible]" [illegible] [illegible] 1 ([illegible]), [illegible] 2 ([illegible]), [illegible] 3 ([illegible]) [illegible] ([illegible]) [illegible] "[illegible]"; [illegible] "[illegible]" [illegible] GABRA2 [illegible] GABAergic [illegible]

[illegible]: [illegible] 35S.b

[illegible] 35S.b [illegible] ("[illegible]") [illegible] ("[illegible]"). [illegible] [illegible] SLC6A4 [illegible] Short/Short [illegible] serotonin [illegible]

[illegible]

[illegible]: [illegible] 09 ([illegible]) [illegible] 12 ([illegible])

[illegible] 09 [illegible] "[illegible]" [illegible] [illegible] 90-95% [illegible] 50% [illegible] [illegible] [illegible]

[illegible]: [illegible] 10 ([illegible]) [illegible] 35S.c ([illegible])

[illegible] [illegible] [illegible] "[illegible]" [illegible] [illegible] 10 [illegible] "[illegible]" [illegible] [illegible] D2 [illegible] [illegible] COMT [illegible] FAAH [illegible] COMT Val/Val ([illegible]) [illegible] [illegible] [illegible] "[illegible] [illegible]" [illegible]

[illegible] [illegible] "[illegible]" [illegible] "[illegible]" [illegible] [illegible] "[illegible] (Anhedonia)" [illegible] [illegible] [illegible]

- [illegible] ([illegible] [illegible]): [illegible], [illegible] 10 [illegible] [illegible] [illegible]/BDNF [illegible] [illegible]

- [illegible] ([illegible]): [illegible], [illegible] "[illegible]", [illegible] [illegible].

- [illegible] ([illegible]): [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] "[illegible]": [illegible] [illegible] [illegible] [illegible] [illegible]

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[illegible] 14 [illegible]

[illegible] 23 [illegible] "[illegible]" [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] "[illegible]" (Pseudo-addiction) [illegible] [illegible] [illegible] "[illegible]" [illegible] CYP2C9 [illegible] [illegible]: [illegible] NSAIDs ([illegible] [illegible]) [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] "[illegible]" [illegible] COMT [illegible] Met/Met [illegible] [illegible] opioid [illegible] [illegible], [illegible] [illegible], [illegible] [illegible] [illegible] [illegible]

[illegible]: [illegible] 17 ([illegible])

[illegible] 17 [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] FAAH A/A [illegible] REM [illegible] [illegible] anandamide [illegible] [illegible] "[illegible] [illegible]" [illegible] Sleep Architecture Debt [illegible] [illegible] [illegible] [illegible] 65-68 [illegible] [illegible] 90 [illegible] [illegible] suprachiasmatic nucleus [illegible] [illegible] [illegible] [illegible] COMT Met/Met (Sage) [illegible] [illegible] magnesium glycinate [illegible] L-theanine [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible]: [illegible] 18 ([illegible] [illegible])

[illegible] 18 [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

precursor [illegible] [illegible]

[illegible]: [illegible] 19 ([illegible])

[illegible] 19 [illegible], [illegible] BDNF [illegible] [illegible] OPRM1 G/G [illegible] opioid [illegible] FAAH [illegible] COMT Met/Met (Sage) [illegible] "[illegible]" [illegible] MAOA 3R [illegible] "[illegible]" [illegible]

[illegible]: [illegible] 20 ([illegible])

[illegible] 20 [illegible] (GABRA2 [illegible]) [illegible] COMT [illegible] Val/Val ([illegible]), [illegible] "[illegible] If-Then" [illegible] "[illegible]" [illegible]

[illegible]: [illegible] [illegible] 21 ([illegible])

[illegible] 21 [illegible] HALT [illegible] (Hungry, Angry, Lonely, Tired) [illegible] CYP [illegible] MTHFR [illegible]

[illegible]: [illegible] 22 ([illegible])

□□□□□□□□□□□□ 22 □□□□□□□□□□□□□

[illegible]: [illegible] 25 ([illegible])

[illegible] 25 [illegible] "[illegible] [illegible] [illegible] [illegible] [illegible]" [illegible] [illegible] [illegible]

[illegible] FAAH [illegible] A/A [illegible] [illegible] [illegible] [illegible] (receptor) [illegible] [illegible] [illegible] [illegible]

[illegible]: [illegible] 26b ([illegible] [illegible]) [illegible] 39 ([illegible])

[illegible] 26b [illegible] [illegible] [illegible] "[illegible]" ([illegible], [illegible], [illegible]) [illegible] [illegible] [illegible] [illegible]

[illegible]: [illegible] 27 ([illegible])

[illegible] 27 [illegible] "[illegible]" (Phantom Smells), "[illegible]" (Body Echoes) [illegible] "[illegible]" (Visual Artifacts) [illegible] [illegible] "[illegible] [illegible]" (Anticipatory Echoes) [illegible] [illegible] [illegible] "[illegible]" (Biological Release) [illegible] [illegible] [illegible] [illegible] [illegible]

- CYP2B6, CYP2C9 [illegible] MTHFR ([illegible]): [illegible] [illegible] "Poor Metabolizer" [illegible] CYP2B6 [illegible] CYP2C9 [illegible] [illegible] [illegible] [illegible] THC [illegible] [illegible] [illegible] [illegible] (Phase 19) [illegible] [illegible] [illegible] "[illegible]" [illegible] [illegible] [illegible] MTHFR C677T [illegible] homozygous [illegible] methylation [illegible] [illegible] [illegible] [illegible] (NAC, glutathione [illegible] liposomal, L-methylfolate) [illegible] [illegible] [illegible] [illegible] [illegible]

- HNMT [illegible]: [illegible] 27 [illegible] [illegible] "[illegible]" ([illegible] [illegible], [illegible]) [illegible] HNMT [illegible] Slow Activity (T105I Hom) [illegible] "[illegible] [illegible]," [illegible] [illegible] [illegible] "Overwrite the Signal" [illegible] 27 [illegible] [illegible] [illegible] ([illegible] [illegible], [illegible]) [illegible] [illegible] [illegible]

[illegible]: [illegible] 28 ([illegible])

[illegible] 28 [illegible] [illegible] [illegible] "[illegible]" [illegible] "[illegible]" [illegible] [illegible] COMT Val158Met [illegible] "[illegible]" [illegible] [illegible] [illegible]

[redacted] COMT [redacted] Met/Met (Sage) [redacted] [redacted] (Dopamine, [redacted] Prefrontal, [redacted]) [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] (Pain [redacted] Opioid) [redacted] [redacted] "[redacted]" [redacted] [redacted] COMT [redacted] [redacted] [redacted] "Dive Reflex," [redacted] [redacted] [redacted] [redacted] [redacted] COMT... [redacted] [redacted] Val/Val (Warrior) [redacted] [redacted] [redacted] [redacted] SLC6A4 [redacted] Short/Short [redacted] [redacted] "[redacted]" [redacted] [redacted] "[redacted] [redacted]" [redacted] [redacted] [redacted] [redacted]

[redacted]: [redacted] 29 ([redacted] [redacted])

[redacted] 29 [redacted] "[redacted]" [redacted]: [redacted] [redacted] [redacted] [redacted] [redacted] "[redacted] [redacted]" [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted]

> [illegible] "[illegible] [illegible]" [illegible] (Day [illegible]) [illegible] [illegible]

[illegible] "[illegible]" [illegible] [illegible] [illegible]

[illegible]: [illegible] 30 ([illegible])

Protocol 30 [illegible] (PHQ-9, GAD-7) [illegible] "[illegible]" [illegible]: [illegible] COMT Met/Met [illegible] MTHFR C677T [illegible] dbSNP [illegible] dbSNP [illegible]

[illegible]: [illegible] 31 ([illegible])

[illegible] 31 [illegible] "[illegible]" [illegible] GABRA2 [illegible] GABAergic ([illegible], benzodiazepines) [illegible] 31 [illegible] GABRA2 [illegible] opioid [illegible] OPRM1 G/G [illegible]

[illegible]: [illegible] 33 ([illegible])

[illegible] 33 [illegible] "[illegible]" [illegible] "[illegible]"

□□□□□□□□□□ SLC6A4 □□□ Short/Short □□□□□□□□□□□

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[illegible] Ketamine [illegible] CYP2B6 [illegible] "Poor Metabolizers" (6/6) [illegible] "Dissociative Logjam Risk" [illegible] HNMT [illegible] (sensory gating collapse).

[illegible]: [illegible] 43 ([illegible])

[illegible] 43 [illegible] (reSET [illegible] Somryst) [illegible] AI [illegible] FAAH A/A [illegible] "Sleep Architecture Debt" [illegible] (CBT-I) [illegible] Somryst [illegible] GABRA2 [illegible] GABA [illegible] AI [illegible] ([illegible]) [illegible]

[illegible]: [illegible] 44 ([illegible] GLP-1)

* [illegible] GLP-1 [illegible]
* [illegible]: [illegible]
* [illegible]: [illegible] GLP-1 [illegible]

[[illegible] GLP-1 [illegible] findahelpline.com]

[illegible] 44 [illegible] GLP-1 (semaglutide [illegible] tirzepatide) [illegible] "[illegible]" [illegible] COMT Val/Val ([illegible] Warrior) [illegible]

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[illegible]

[illegible] MTHFR [illegible]

[illegible] (Phenoconversion)

- [illegible] (Phenoconversion): [illegible] CYP450 [illegible] DNA [illegible]
- [illegible]: [illegible] HSV [illegible] HPV [illegible] MTHFR [illegible] (L-methylfolate, P5P) [illegible] DNA [illegible]
- [illegible]: [illegible] HIV [illegible] CYP2B6, CYP2D6 [illegible] CYP3A4 [illegible]

[illegible]: [illegible] C-26 [illegible] C-30

[illegible]—[illegible] C-26 ([illegible]) [illegible] [illegible] "[illegible]" [illegible] "[illegible] Uptime" [illegible] [illegible] (95-100%, [illegible] 75-94%, [illegible] 50-74%, [illegible] <50%) [illegible]

□□□□□□□□ C-27 (The Olympian of Nothing) □□□□□□□ "□□□□□□□□□□□□□□□□□□□□□□" □□□ □□□□□□□□□□□□□□□□□□□□

[illegible] [illegible] COMT [illegible] "Slow Sage" [illegible] [illegible] [illegible] MTHFR [illegible] [illegible] [illegible]

— [illegible] IX —

[illegible]

[illegible], [illegible], [illegible], [illegible], [illegible] [illegible] — [illegible] [illegible].

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]: [illegible] [illegible] [illegible]

[illegible] [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [

[illegible] AI [illegible]

CENTURIAN LOG

[illegible]

[illegible]:

Claude (Anthropic) — [illegible] / [illegible] / [illegible]

[illegible] KDP Claude [illegible]

Gemini (Google DeepMind) — [illegible]

[illegible] Gemini [illegible]

[illegible] **Microsoft Copilot**

[illegible] Copilot [illegible] Copilot [illegible]

Grok (xAI) — [illegible]

[illegible] Grok [illegible] A- [illegible] 9.3 [illegible] 10 [illegible] Grok [illegible]

□□□

[illegible]: [illegible]

CENTURIAN LOG

[illegible]
[illegible] [illegible] [illegible]
[illegible]—[illegible]
[illegible]
[illegible] [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] [illegible]

[illegible] [illegible]
[illegible] Centurian [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible]
[illegible]
[illegible] [illegible] [illegible]
[illegible]
[illegible] [illegible] [illegible]
[illegible]
⚠ [illegible]: [illegible]
[illegible] [illegible] [illegible]

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*□□□□□□□□□□□□□□□□□□□

CENTURIAN [illegible] **A-01**
[illegible], [illegible], [illegible] [illegible]
[illegible] — [illegible]

CENTURIAN LOG
[illegible] "Recovery Kernel" [illegible]
[illegible], [illegible], [illegible]
[illegible] PEP ([illegible]) [illegible] 72 [illegible]
[illegible] U=U (Undetectable = Untransmittable) [illegible]
[illegible]

[illegible] — [illegible]
[illegible]: [illegible]
Document ID: WP-42-RETROVIRAL
23 [illegible] 2569
[illegible]: [illegible]. [illegible], [illegible]
[illegible] **Recovery Kernel**

---

1. [illegible]: [illegible] **(Zero-day threat landscape)**
[illegible] (HIV) [illegible] (APT) [illegible] HIV [illegible] Rootkit [illegible] Kernel [illegible] (CD4 T-Cells) [illegible]

[illegible] ("Legacy Tech Support") [illegible] Input/Output (I/O) [illegible] (MSM - [illegible]

□□□□□□□) □□□□□□□□

□□□

• Serosorting: [illegible]: [illegible] [illegible] (PrEP) [illegible] (PEP).

4.4 [illegible] 4: [illegible]
• [illegible] (Withdrawal): [illegible] 50-70% [illegible]/[illegible]. [illegible] "[illegible]" [illegible].
• [illegible]/[illegible]: [illegible].

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5. [illegible] (Day 42)

[illegible]:

```markdown
[illegible] 42
═══════════════════════════

[illegible]
[illegible]: [illegible]/HIV
[illegible]: [illegible]

⚠ [illegible]: [illegible] (PrEP) [illegible]—[illegible] [illegible] [illegible] (PEP) [illegible]

[illegible]
[illegible] HIV/AIDS [illegible] [illegible] CD4 [illegible] [illegible] MSM ([illegible] chemsex [illegible]) [illegible] (MTHFR [illegible], COMT [illegible]) [illegible] Blue Screen of Death (BSOD); [illegible]—PrEP [illegible], PEP [illegible], serosorting [illegible]/[illegible] [illegible]
>
[illegible]
>
— [illegible]
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[illegible] 1: [illegible]
[illegible] [illegible] [illegible] ([illegible]/[illegible])

[illegible] (CD4 [illegible]) [illegible] CD4 [illegible] [illegible] (CD4 [illegible]).

• [illegible]: [illegible] [illegible] (CD4 [illegible], [illegible]) [illegible] [illegible]
• [illegible]: RNA [illegible] DNA [illegible] (kernel) [illegible] [illegible] [illegible] [illegible] (genetic bottlenecks) [illegible] [illegible] [illegible] COMT [illegible] Met/Met [illegible] DA [illegible] [illegible].
• [illegible]: [illegible], [illegible] SUD, [illegible] (CD4 [illegible]) [illegible].

[illegible] 2: [illegible] (CD4 [illegible])
[illegible]

[illegible] (CYP3A4/5 [illegible] PrEP)

1. [illegible]: [illegible] **(PrEP) —** [illegible] [illegible] **(**[illegible] **2-1-1** [illegible]**)** [illegible] **emtricitabine/tenofovir** [illegible] **Truvada/Descovy** [illegible] [illegible] **99%** [illegible]; [illegible] **(**[illegible]**)** [illegible] **CYP2B6** [illegible] [illegible]**:** [illegible] [illegible]
2. [illegible]: [illegible] **(PEP) —** [illegible] [illegible] **(**[illegible]**),** [illegible] **72** [illegible]**:** [illegible] **28** [illegible] **(**[illegible] [illegible] **Truvada + raltegravir)** [illegible]; [illegible] [illegible] **HIV** [illegible] [illegible] **4-6** [illegible]
3. [illegible]: [illegible] **(**[illegible] + [illegible]/[illegible]**)—**[illegible] [illegible] **(**[illegible] [illegible]/[illegible] **U=U:** [illegible] = [illegible]**)** [illegible] [illegible]**:** [illegible] [illegible] **(**[illegible] **50-70%** [illegible] [illegible]**);** [illegible] **(**[illegible] [illegible]

□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□ □□□□□□□ **76%—**□□□□□□□□□□□□□□□□□□□□ □**)** □□□□□ □□□□□□□□□□□□□□□□□□□□

CENTURIAN **A-02**

*, , *

CENTURIAN LOG

2020 2022

(neurosyphilis)

—

***Treponema pallidum* ():**

I. **:**

A.

spirochete Treponema pallidum 115,000 2020 207,000 2022 (CDC) (Fort Myers/Lee County 70% (chemsex, methamphetamine) (→ → → ///) (). —— MTHFR () COMT Met/Met ()

□□)—□□□

**B. □□□□□□□□□□□: □□□□□□□□□□□

□□□

CENTURIAN [illegible] **A-03**
[illegible]
[illegible]

[illegible]

CENTURIAN LOG
*[illegible] [illegible] [illegible] [

[illegible]

B. [illegible]**:** [illegible]

[illegible]

I. [illegible] ***Neisseria gonorrhoeae*:** [illegible]**,** [illegible]

A. [illegible]

B. [illegible]**:** [illegible]

DoxyPEP [illegible]

[illegible]: [illegible] [illegible] (CDC) [illegible] ([illegible] 2021 [illegible]):

- [illegible]: [illegible] 500 [illegible] [illegible] (MSM [illegible] [illegible] [illegible] [illegible])
- [illegible]: [illegible] doxycycline [illegible] 100 [illegible] [illegible] 2 [illegible] [illegible] 7 [illegible]

[illegible] (PEP + [illegible]) [illegible] [illegible] [illegible]

IV. [illegible]
[illegible] [illegible] [illegible] 7.2% [illegible] (HIV, [illegible]) [illegible] [illegible] [illegible] [illegible] "Neurogenomic siege" (COMT/MTHFR) [illegible]

V. [illegible]**:** [illegible]**,** [illegible]
[illegible] (NAAT) [illegible] [illegible] ([illegible]) [illegible] [illegible]/PrEP [illegible]; [illegible]—[illegible] [illegible]

VI. [illegible]
[illegible] ([illegible]/[illegible]) [illegible] ([illegible], [illegible]) [illegible]

VII. [illegible]
([illegible] [illegible] 2026 [illegible] CDC, [illegible] AMR [illegible] WHO [illegible], [illegible] (meta-analysis) [illegible] PubMed [illegible] MSM [illegible], [illegible] HLA/TLR [illegible], [illegible])

CENTURIAN **A-04**
(Chlamydia)
— , ,

CENTURIAN LOG
: HIV 2-3 doxycycline 7 NAAT 3-6

—
***Chlamydia trachomatis*:** **,**

I. **:**

A.
Chlamydia trachomatis (MSM) (meta-analyses) (2000–2022) Chlamydia MSM 9.9% (95%: 8.8–10.9) MSM (8.8–18.3%) HIV Chlamydia proctitis, epididymitis, / HIV (2–3) neurogenomic (MTHFR Met/Met COMT)

[illegible] [illegible] [illegible] [illegible]

B. [illegible]: [illegible]

[illegible]
[illegible] [illegible] [illegible] [

[illegible]

I. [illegible]
[illegible] (CDC) [illegible]:

• [illegible]: Doxycycline [illegible] 100 [illegible] [illegible] 1 [illegible] 2 [illegible] [illegible] 7 [illegible] ([illegible])
• [illegible]: [illegible] 1 [illegible] [illegible] ([illegible])

[illegible]

III. [illegible]

A. [illegible]

[illegible]
[illegible] HLA class II ([illegible] DRB1, DQB1) [illegible] vs. [illegible] [illegible] ([illegible] TLR, IFNL) [illegible]; [illegible] T [illegible] [illegible] (eQTLs [illegible] CD151 [illegible]) [illegible] MTHFR/COMT [illegible] [illegible]

B. [illegible]
[illegible] (doxycycline/azithromycin) [illegible] CYP [illegible] (CYP2B6 [illegible]) [illegible] MTHFR [illegible]

IV. [illegible]
[illegible]:

9-18% [illegible] HIV [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] "Neurogenomic siege" (COMT/MTHFR) [illegible]

V. [illegible]**:** [illegible]**,** [illegible] [illegible]

[illegible] (multisite NAAT) [illegible] (MSM) [illegible] 3-6 [illegible] doxycycline, [illegible]

VI. [illegible]

[illegible] (Chlamydia, [illegible])

VII. [illegible]

([illegible] 2026 [illegible] CDC [illegible], [illegible] WHO, [illegible] PubMed [illegible], [illegible] HLA/[illegible] Chlamydia, [illegible])

CENTURIAN **A-05**
(HSV-1 HSV-2)
— 67% HSV-1 13% HSV-2

CENTURIAN LOG
67% HSV-1 13% HSV-2
COMT Met/Met (—
—
HPA
(
2%

—
(HSV-1 HSV-2): **,**

I. **:**

A.
1 2 (HSV-1 HSV-2)
:

• HSV-1 seroprevalence 67% ()
• HSV-2 seroprevalence 13% ()

□□□□□□□□□□□□□□□□□□□□□□□ (MSM) □□□□□□□□□□□□□□□□□□□□□□□ HSV-2 □□□ □□□□□□□□□□□□□□□□□□□□ 20-40% □□□□□□□□□□□□□□□□□□□□

• HSV-1 → □□□□

• HLA-DQB1*06:02 □□□□

□□□□□□□□□□□□□□□□□□ **(□□□□□□□□□□□□□□□□□□□□□□□□ 2025-2026)**
• □□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□
• □□□□□□□□□□□□□□□□□□□□

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] + [illegible]

[illegible] + [illegible]

END

CENTURIAN □□□□□□□□□ □□□□ **A-06**
□□□□□ **Human Papillomavirus (HPV)**
□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□ — □□□□□□□□□□□□□□□□□□□□□□□□

CENTURIAN LOG
*HPV □□□□□□□□□□□□□□□□□□□□

[illegible]

B. [illegible]: [illegible] **HPV** [illegible] HPV [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] "[illegible] HPV" [illegible] [illegible] [illegible] HLA [illegible] HR-HPV [illegible] [illegible] MSM [illegible] [illegible] (HIV) [illegible] [illegible] [illegible] HPV [illegible] [illegible] (anal intraepithelial neoplasia) [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] HPV [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

□□□
□□ (MSM) □□□□□□□ □□□□□□□□ 77.5% □□□□□□□□
□□□ HPV (□□□□□□□□□□□□□□) □□□□
□□□□□□□□□□□□□□□□□□□

□□□ MTHFR □□□□□□□□ □□□□□□□□□□□□□□□□□□□□

CENTURIAN **A-07**

*, , *

CENTURIAN LOG

5-10% (MSM) 8-19% 2013 (direct-acting antivirals) 50% 2026 95% 8-12

—

:

I. **:**

A.

(HAV), (HBV) (HCV) (MSM) 1.34 HBV HCV 96% HBV 640,000 2.49 MSM 8-19% HCV MSM HIV PrEP 0.79 4.32

[illegible] 6 [illegible] HBV [illegible] A, B [illegible] C [illegible]

B. [illegible]:

[illegible] A, B [illegible] C [illegible] HAV [illegible] HBV [illegible] HCV [illegible] HLA [illegible] (MSM) [illegible]

I. [illegible]

II. [illegible]:

A. [illegible]: [illegible] HAV [illegible] RNA [illegible] (MSM) [illegible] 260 [illegible] 2017-2018 [illegible]

(□□□□□□□ □□□□□□□□□□□□□□□□□□□□ 95%) □□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□ □□□□□ □□□□□□ MSM □□□□□□□□□□□□ □□□□□□□□□□□□□□□□□□□□

IV. □□□□

7. [illegible] **https://www.hivguidelines.org/guideline/hiv-hbv ([illegible] [illegible] 23 [illegible] 2026)**

8. [illegible]**: [illegible] | NIH. https://clinicalinfo.hiv.gov/en/guidelines/hiv-clinical-guidelines-adult-and-adolescent-opportunistic-infections/hepatitis-b-virus ([illegible] 23 [illegible] 2026).**

Hepatitis B: [illegible] [illegible] [illegible] [illegible] - AAFP. https://www.aafp.org/pubs/afp/issues/2019/0301/p314.html ([illegible] 23 [illegible] 2026).

10. [illegible] [illegible] - [illegible] [illegible] [illegible] - Healthdirect. https://www.healthdirect.gov.au/hepatitis-b ([illegible] 23 [illegible] 2570).

11. [illegible] | HHS.gov. https://www.hhs.gov/hepatitis/learn-about-viral-hepatitis/hepatitis-b-basics/index.html ([illegible] 23 [illegible] 2026).

12. [illegible] [illegible] https://pubmed.ncbi.nlm.nih.gov/38385866 ([illegible] [illegible] 23 [illegible] 2026).

13. [illegible] HCV, [illegible] [illegible] PrEP [illegible] MSM [illegible] HIV-negative. https://www.sciencedirect.com/science/article/pii/S1876034125004356 ([illegible] 23 [illegible] 2026).

14. Epidemiology [illegible] HCV [illegible] MSM. https://academic.oup.com/ofid/advance-article/doi/10.1093/ofid/ofaf678/8316291 ([illegible] 23 [illegible] 2569).

15. [illegible] - WHO. https://www.who.int/teams/global-hiv-hepatitis-and-stis-programmes/populations/men-who-have-sex-with-men ([illegible] 23 [illegible] 2026).

16. [illegible] [illegible]. https://www.cdc.gov/mmwr/volumes/70/wr/mm7024a2.htm ([illegible] [illegible] 23 [illegible] 2026).

17. HCV [illegible]: [illegible] [Men Who Have Sex With Men]. https://www.hcvguidelines.org/guidance/hcv-in-key-populations-men-who-have-sex-with-men ([illegible] 23 [illegible] 2026).

18. [illegible] [MSM] https://pmc.ncbi.nlm.nih.gov/articles/PMC11213170 ([illegible] [illegible] 23 [illegible] 2569).

19. [illegible]. https://www.thelancet.com/journals/langas/article/PIIS2468-1253(20)30303-4/abstract ([illegible] 23 [illegible] 2026).

20. [illegible]. https://pmc.ncbi.nlm.nih.gov/articles/PMC7215464 ([illegible] 23 [illegible] 2026).

21. [illegible]: https://www.mdpi.com/1424-8247/17/3/331 ([illegible] 23 [illegible] 2026).

22. □□□□□□□□□□□□□□□□□: □□□□□□□□□□□□□□□□□

Policies-for-Healthcare-Workers-in-Sub-Saharan-Africa-12347 (□□□□□□□□ □□□□□ 23 □□□□□□ 2026).
**35. □□□□□□□□□□□□□: □□□□□□□□□□□□□

CENTURIAN APPENDIX PAPER B-01
Cryptosporidium
[illegible]

CENTURIAN LOG
[illegible] Cryptosporidium [illegible]
[illegible]
HIV [illegible] CD4 [illegible] 100 [illegible]
[illegible] Cryptosporidium [illegible]
[illegible], [illegible]
[illegible]—[illegible]
[illegible]—[illegible]
[illegible]
(MSM) [illegible] 10-15% [illegible]
[illegible]: [illegible]
([illegible] 09) [illegible] 1
[illegible] cryptosporidium [illegible]
[illegible] [illegible] [illegible] [illegible] L-glutamine [illegible]
[illegible]

[illegible] — [illegible]
[illegible] **Cryptosporidium ([illegible] Cryptosporidiosis):** [illegible]
[illegible]

I. [illegible]: [illegible] [illegible] [illegible]
[illegible] **Cryptosporidium**

A. [illegible]
Cryptosporidium [illegible] ([illegible] C. hominis [illegible] C. parvum) [illegible]
[illegible] apicomplexan [illegible] cryptosporidiosis [illegible]
[illegible]
[illegible] [illegible]
[illegible] 1-2 [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] ([illegible] [illegible] HIV [illegible] CD4 [illegible]) [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] (MSM) [illegible]
cryptosporidiosis [illegible]
[illegible] [illegible] ([illegible] [illegible]-[illegible]/[illegible], [illegible], [illegible]), [illegible]
[illegible] Cryptosporidium [illegible]
[illegible] [illegible] 1 [illegible] (OR [illegible] 6.67 [illegible]
[illegible]) [illegible] [illegible]
([illegible] 2000 [illegible] 2024) [illegible] ([illegible]

<30 □□, □□□□□□ HIV, □□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□) □□□□□□□□□□□□ (□□□□□□□□□□□□□□□□□□□, □□□□□□□□□□□□□□□□□□□□□□□□□□□□□□) □□□□□□□□□□□□□□□□□□□□

Cryptosporidium [illegible]: [illegible] [illegible]/[illegible] ([illegible]), [illegible] [illegible] ([illegible]-[illegible]), [illegible] [illegible] zoonotic ([illegible]). [illegible] (MSM) [illegible] [illegible], [illegible] [illegible], [illegible]. [illegible]; [illegible] [illegible], [illegible]. [illegible].

B. [illegible]: [illegible] [illegible]:

- [illegible]/[illegible]/[illegible] ([illegible])
- [illegible] [illegible] [illegible].
- [illegible]
- [illegible]: [illegible] (dental dams) [illegible], [illegible] [illegible] PrEP/HIV.

[illegible]. [illegible]: [illegible] [illegible] ([illegible]: [illegible]) [illegible]:

- [illegible]: Nitazoxanide ([illegible] 500 [illegible] [illegible] [illegible] 3 [illegible]; [illegible]).
- [illegible] ([illegible] [illegible])
- [illegible]

[illegible] (pharmacogenomic profile) [illegible] CYP [illegible] [illegible] MTHFR [illegible] [illegible] [illegible]

III. [illegible] ***Cryptosporidium***

A. [illegible]

[illegible]
[illegible] HLA [illegible] I/II ([illegible] B38:02, DQA101:01 [illegible]; [illegible] B15, DQB10301 [illegible]) [illegible]

□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□ (□□□□ □□□□□□□□ TLR, IFNL) □□□□□□□□□□□□□□□□
□□□/□□□□□□□□□□□□□□□□
□□□□□□□□□□□□□□□□□/□□
MTHFR/COMT □□□□□□□□□□□□□□□□□□□□

CENTURIAN APPENDIX PAPER B-02
Giardia

[illegible]

CENTURIAN LOG

Giardia [illegible] Giardia [illegible] methylation [illegible] Protocol 06 [illegible] Protocol 09 [illegible] Giardia [illegible] Tinidazole [illegible] 2 [illegible]

[illegible] — [illegible]
[illegible] **Giardia lamblia ([illegible] Giardiasis):** [illegible]

I. [illegible]: [illegible] [illegible] [illegible] ***Giardia***

A. [illegible]
Giardia lamblia (syn. Giardia duodenalis [illegible] Giardia intestinalis) [illegible] giardiasis [illegible], [illegible], [illegible], [illegible], [illegible] 2-5% [illegible] [illegible] 20-40% [illegible] (MSM) [illegible] giardiasis [illegible] Giardia [illegible] 10-15% [illegible] ([illegible] MSM) [illegible] [illegible]-[illegible] (anilingus), [illegible]

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[illegible] ([illegible] A/B). [illegible] (MSM) [illegible] [illegible] [illegible], [illegible] [illegible], [illegible]. [illegible] [illegible]; giardiasis [illegible], [illegible], [illegible]. [illegible] [illegible] [illegible].

B. [illegible]**:** [illegible] [illegible] (cyst):

• [illegible]/[illegible]/[illegible]
• [illegible]; [illegible]
• [illegible]
• [illegible]: [illegible] (dental dams) [illegible], [illegible] PrEP/HIV.

[illegible]: [illegible]:

• Tinidazole: [illegible] 2 [illegible] ([illegible])
• Metronidazole: 250–500 [illegible] 5–7 [illegible]
• Nitazoxanide: [illegible].

[illegible] ([illegible]/[illegible]) [illegible] [illegible] [illegible] [illegible]

[illegible] (CYPs [illegible]) [illegible]; [illegible] MTHFR [illegible]

III. [illegible] ***Giardia***

A. [illegible]

[illegible]
[illegible] Giardia [illegible] HLA class II DRB1 ([illegible] 03, 13, 04, 10, 14, 15) [illegible]/[illegible] [illegible] (TLR pathways) [illegible] [illegible] [illegible] (IL-12 [illegible] IL-10 [illegible] DCs) MTHFR/COMT [illegible]

□□□

CENTURIAN APPENDIX PAPER B-03

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□□□ 39% □□□□□□□□□□□□□□ 6% □□□□□□□□□□□□□□

EBV [illegible] (Monospot [illegible]) [illegible] [illegible]-[illegible] [illegible] [illegible] (EBV [illegible] 2) [illegible] Acute IM [illegible] [illegible] [illegible] [illegible] (Monospot)

B. [illegible]**:** [illegible] (Monospot [illegible]):

• [illegible] (Monospot/[illegible]).
• [illegible].
• [illegible]: [illegible] PrEP/HIV.

C. [illegible]**:** [illegible] (acyclovir/ganciclovir [illegible] Monospot) [illegible]:

• [illegible], [illegible], [illegible]/[illegible].
• [illegible] (Monospot [illegible] 3-4 [illegible])
• [illegible] (Monospot [illegible], [illegible], [illegible], [illegible]).

[illegible] (pharmacogenomic profile) [illegible] CYP [illegible] MTHFR [illegible] [illegible]/[illegible] [illegible] [illegible]/[illegible] [illegible]

III. [illegible] **Epstein-Barr (EBV)** [illegible]

A. [illegible] EBV [illegible] HLA class I [illegible] (IM) [illegible] (Monospot [illegible]) [illegible] (haplotypes [illegible] IL10, SNPs [illegible] TGFB1) [illegible] Monospot/[illegible] [illegible] MTHFR/COMT [illegible]

IM [illegible] [illegible] MTHFR [illegible] [illegible] COMT [illegible] + Met/Met [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]/[illegible] [illegible] [illegible] EBV [illegible] (tyrosine hydroxylase) [illegible] COMT [illegible] [illegible]

B. [illegible]
[illegible] (acetaminophen/NSAIDs) [illegible]; [illegible] CYPs [illegible] [illegible] MTHFR [illegible] [illegible] NT [illegible]

IV. [illegible]
[illegible] 90% [illegible]; [illegible] [illegible] [illegible] (MSM) [illegible] [illegible] EBV [illegible] 2 [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] (COMT/MTHFR) [illegible] [illegible] [illegible]

V. [illegible]**:** [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

CENTURIAN APPENDIX PAPER B-04
Toxoplasma gondii
[illegible]

CENTURIAN LOG
Toxoplasma gondii [illegible]
[illegible]
*[illegible] *Toxoplasma* [illegible]*
[illegible]
*[illegible] *Toxoplasma* [illegible] (OR [illegible] 2.7), [illegible], [illegible]*
[illegible] COMT [illegible] Met/Met [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]

[illegible] — [illegible]
[illegible] ***Toxoplasma gondii*:** [illegible]

I. [illegible]: [illegible] [illegible] [illegible] ***Toxoplasma***

A. [illegible]
Toxoplasma gondii [illegible]
[illegible] (OR 2.7 [illegible]) [illegible] (HR [illegible] 3.6), [illegible]—[illegible] MTHFR ([illegible])

□□□□□□□□□ COMT Met/Met (□□□□□□□□□□□□□)—□□□□□□□□□□□□□

10-15% [illegible] (Sulforaphane [illegible] Green Tea [illegible] Curcumin [illegible]) [illegible] (Low dose MSM, [illegible]) [illegible] (Low dose [illegible], [illegible]) [illegible]

B. [illegible]: [illegible] [illegible]:

• [illegible] (Below 160°F / 71°C).
• [illegible]
• [illegible]/[illegible]; [illegible] (Sulforaphane/[illegible])
• [illegible] [illegible].

[illegible] (Low dose [illegible], [illegible])

[illegible]: [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] HIV):

• [illegible]: [illegible] (Sulforaphane) [illegible]
• [illegible]: [illegible] TMP-SMX [illegible] (atovaquone).

[illegible]

III. [illegible] *Toxoplasma*

A. [illegible] *T. gondii* [illegible] HLA class II ([illegible] DRB1/DQB1 alleles) [illegible] (TLR pathways, IFNL) [illegible] [illegible] (Sulforaphane) [illegible]: [illegible] COMT Met/Met ([illegible]) [illegible] MTHFR [illegible]/[illegible] [illegible] (GxE) [illegible] [illegible]

B. □□□□

[illegible] (pharmacogenomics of recovery) [illegible] [illegible] [illegible] [illegible].

CENTURIAN **C-01**

, MTHFR COMT, L-Methylfolate

CENTURIAN LOG

mesolimbic prefrontal COMT/MTHFR COMT Met/Met (): : frontal lobe MTHFR T/T () SAMe, homocysteine NMDA homocysteine COMT Met/Met : L-methylfolate homocysteine, MTHFR methylation MTHFR

—

: **,**

I. **:**

A.

~0.3–0.7% (~0.8 /) (GWAS) (PGC SCZ3, 2022) ~8–10% (PRS) PRS (SGM)

□□□□□□□—□□□□□□□□□□□□□□□□□□□□□□□—□□□□□□□□□□ □□□□□□□□□□□□□□□□□□□□

[illegible] (glutamate), [illegible] [illegible]/NMDA ([illegible]/[illegible]), [illegible], [illegible] [illegible]/[illegible] [illegible] [illegible]/[illegible] [illegible] SGM [illegible]

B. [illegible]: [illegible] [illegible] [illegible] (CHR/P) [illegible] [illegible] (MTHFR/COMT) [illegible] L-methylfolate) [illegible]

C. [illegible]: [illegible] [illegible] CBT [illegible], [illegible] "neurogenomic siege" [illegible]: [illegible] L-methylfolate ([illegible]), SAMe/[illegible] ([illegible] COMT) [illegible]

III. [illegible]

A. [illegible]

Polygenic: PRS [illegible] GWAS [illegible] PGC [illegible] 8%; [illegible] (1/3 [illegible]). [illegible]/CNVs ([illegible] 22q11) [illegible]. COMT Val158Met: Val/Val ([illegible]) [illegible]/[illegible]; Met/Met ([illegible]) [illegible]. MTHFR C677T: T/T [illegible]/[illegible]/[illegible]; [illegible] COMT ([illegible] MTHFR T + COMT Val/Val [illegible]). [illegible] MTHFR [illegible] + Met/Met COMT = [illegible] [illegible] + [illegible] → [illegible]/[illegible]/[illegible] [illegible].

B. [illegible]

[illegible] [illegible] [illegible] [illegible] CYPs [illegible] [illegible] [illegible]

□□□□□ MTHFR □□□□: □□□□□□ L-methylfolate □□□□□□□□ □□□□□□□□

CENTURIAN **C-02**

10 ADHD — “” Mania Stimulant ADHD SAMe B “” MTHFR COMT

CENTURIAN LOG

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: **I.** **:** **A.** ~0.3–0.7% (~0.8 /) (GWAS) (PGC SCZ3, 2022) ~8–10% (PRS) PRS (SGM) — 3–9 / LGB ()

□□□

□□□/□□□□□□□□□□□□□□□□□□□ □□□□□□□□□ □□□□□□□□□□□□□/□□□□□□□□□□□□□□□□□□□□□□□□□□□□□ □□□□□□□□□□□□□□□□□□□□□□□□□□ □□□□□□□□ □□□□□□□□ SGM □□□□□□□□□□□□□□□□□□□□

□□□□□ (□□□□□□□ homocysteine □□□□□□□□

CENTURIAN **C-03**

— , "

CENTURIAN LOG

Wernicke

*1 ( ) 1 ( ) 1 ( ) 1 1 1

[illegible], [illegible] [illegible] WE [illegible] neurogenomic [illegible] MTHFR [illegible] ([illegible]) [illegible] COMT [illegible] Met/Met ([illegible]) [illegible] 1 [illegible] "[illegible]" [illegible]

B. [illegible]: [illegible]

[[illegible]: [illegible]]

[illegible] **(Wernicke's encephalopathy)** [illegible] **1 ([illegible])** [illegible]

* **[illegible]:**
  * [illegible] **1:** [illegible], [illegible]
  * [illegible]: [illegible], [illegible], [illegible]

* **[illegible]:**
  * [illegible]: [illegible], [illegible] **(ataxia),** [illegible] **(nystagmus)**
  * [illegible]: [illegible], [illegible], [illegible]

* **[illegible]:**
  * [illegible]: [illegible], [illegible], [illegible]
  * [illegible]: [illegible], [illegible]

* **[illegible]:**
  * [illegible]: [illegible], [illegible] [illegible] [illegible] [illegible]
  * [illegible]: [illegible] **1** [illegible] [illegible]

[illegible]: [illegible] [illegible] [illegible]

□□□□□□□□□□□□□□□□□□□□□□ thiamine □□□□ transketolase □□□ pyruvate dehydrogenase) □□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□ (confusion, ataxia, ophthalmoplegia) □□□□□□□□ □□□□□□□□□□□□□□□□□□□ 16% □□□□□□□□□ □□□ □□□ □□□□□□□□□□□□□□□□□□ WKS □□ (amnesia), □□□ □□□□□□□□□□□□□□□□□ (confabulation) □□ □□□□□□□ □□□□□□□□□□□□□□□□□□□□

• [illegible]: [illegible] 1 ([illegible]) [illegible] [illegible] 500 [illegible] [illegible] [illegible] 2-3 [illegible] [illegible] 250 [illegible] [illegible] 3-5 [illegible]
• [illegible]: [illegible] 1 ([illegible]) [illegible] [illegible] 100-300 [illegible] [illegible] [illegible] 1 [illegible]
• [illegible]: [illegible] ([illegible]), [illegible]; [illegible] [illegible]/[illegible].

[illegible]: [illegible] 1 ([illegible]) [illegible] [illegible] (100-500 [illegible] [illegible]); [illegible] [illegible] ([illegible]); [illegible] [illegible] [illegible]/[illegible] [illegible] MTHFR [illegible]: [illegible] L-methylfolate (1-15 [illegible]) [illegible]

III. [illegible]

A. [illegible] [illegible]:

* [illegible] SLC19A2/3 ([illegible]) [illegible] TKT ([illegible] transketolase) [illegible] [illegible] 1 (WE) [illegible] 1 [illegible] WE [illegible]
* [illegible] MTHFR C677T ([illegible] T/T) [illegible] [illegible] [illegible] [illegible]
* [illegible] COMT Met/Met ([illegible]) [illegible] (AUD)
* [illegible] mtDNA ([illegible] A3243G) [illegible] WE [illegible]

B. [illegible]

[illegible] 1 ([illegible]) [illegible]; [illegible] [illegible] CYP [illegible] ([illegible] [illegible]) [illegible] MTHFR [illegible] [illegible] 1 [illegible] 1 [illegible]

IV. [illegible]

[illegible]: 0.4-2.8% [illegible]; 12-16% [illegible] [illegible] (autopsy series). [illegible]: [illegible] (AUD) (80% [illegible]), [illegible], [illegible]. [illegible] [illegible] [illegible]/[illegible].

**V. □□□□□□□□□□□□□□□□□□□: □□□□□□□□□□□□□□□, □□□□□□□□□□□□□□□□□□□ □□□□□□□□□□□□□□□□□□□

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* □□□□□□□ Val (□□□□□□□□□□: 1, □□□□□□□□□□□□□□□ "ahydrios" □□□□□ hydrophobic/□□□□□□□ □□□□□□□□□□□□□□□□□□□□□□□□)
* □□□□□□□ Met (□□□□□□□□□□: 2, "phobic" □□□□□□□□□□□□□□□□□□□□

□□□□□□□□□□□□□□□□ "□□□□□□□□□□□□□□□□□□"

[□□□□□□]

Locus # | Lead SNP | Chr:Position | Nearest/Associated Gene(s) | Effect Allele | Allele Freq (□□□□□□□□□□, □□□□□□) | OR | SE | p-value | Grading (□□□□□□□□□□□□□□□□ COMT)
1 | rs3791129 | 1:44,480,093 | SLC6A9 | G | ~0.57 | 1.055 | 0.009 | 1.22×10^{-9} | 2 (□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□)
2 | rs7649709 | 3:173,129,819 | NLGN1 | A | ~0.24 | 1.054 | 0.010 | 2.32×10^{-8} | 2 (synaptic adhesion)
3 | rs62404522 | 6:19,307,114 | LOC101928519 | C | ~0.12 | 1.067 | 0.011 | 1.68×10^{-9} | 1 (non-coding, unknown)
4 | rs62474683 | 7:115,020,725 | LINC01392 | A | ~0.57 | 1.054 | 0.008 | 8.72×10^{-12} | 1 (non-coding, unknown)
5 | rs7131627 | 11:113,299,829 | DRD2 | G | ~0.45 | 1.053 | 0.008 | 6.20×10^{-11} | 3 (□□□□□□□□□□□□□□□□□□□□□□□□□□□□)
6 | rs17485141 | 12:24,213,634 | SOX5 | C | ~0.35 | 1.049 | 0.009 | 1.54×10^{-8} | 1 (transcriptional regulation)
7 | rs9525171 | 13:96,908,223 | HS6ST3 | C | ~0.62 | 1.044 | 0.008 | 8.07×10^{-9} | 1 (glycosylation)
8 | rs17514846 | 15:91,416,550 | FURIN | C | ~0.41 | 1.048 | 0.008 | 1.81×10^{-9} | 1 (protease activity)
9 | rs2503185 | 1:66,461,401 | PDE4B | A | ~0.38 (□□□□□□□□□□□□□□) | 1.047 | 0.008 | 3.42×10^{-8} | 3 (□□□□□□□□□□ cAMP, □□□□□□□□□□□□□□□□□□□□□□□□□□□□)
**10 | rs35869525 | 6:26,946,687 | □□□□□□□ MHC | C | ~0.08 (□□□□□□□□□□□□□□□) | 1.089 | 0.015 | 2.18×10^{-8} | 1 (□□□□□□□□□□□□□□□□□□□

SLC6A9 [redacted]; [redacted] NMDA [redacted]

NLGN1 [redacted]

CACNG2 [redacted] AMPA [redacted]

[redacted] LINC01392 [redacted] LOC101928519 [redacted] parallax [redacted] SOX5 [redacted] OTX2-AS1 [redacted] FURIN [redacted] BDNF [redacted] HS6ST3 [redacted] HSPGs [redacted] MHC [redacted]

[redacted] COMT (alleles phobic influence 2) [redacted] (prefrontal cortex) [redacted]

[redacted]

[redacted]

[redacted] COMT [redacted]

[redacted] PDE4B [redacted] PTSD [redacted] cAMP

[redacted] SLC6A9 [redacted] NMDA [redacted]

[redacted] FURIN [redacted] BDNF [redacted] NLGN1 [redacted] CACNG2 [redacted] SOX5 [redacted] OTX2-AS1 [redacted] MHC [redacted]

[redacted] Parallax [redacted] PDE4B [redacted]

□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□ □□□□□□□□□□□□□ "□□□□□" □□□□□□□

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CENTURIAN [illegible] [illegible] **D-01**

[illegible]**:** [illegible]**,** [illegible] [illegible]

100 [illegible], [illegible] [illegible] MTHFR [illegible]

CENTURIAN LOG

*[illegible] [illegible] [illegible] [

* □□□□□□□□□□□□□□□□□□□□: □□□□□□□□□□□□□□□□□□□□

6. [illegible]
7. [illegible]: [illegible].
8. [illegible]
9. [illegible]: [illegible]
10 [illegible]
11. [illegible]: [illegible].
12 [illegible] → [illegible]
13 [illegible]
14 [illegible] → [illegible]
15. [illegible]: [illegible]

[illegible]

- [illegible] 18 [illegible]: [illegible], [illegible] [illegible]
- [illegible] 25 [illegible]: [illegible]

[illegible] 25-50 [illegible]

[illegible]

1. [illegible] + [illegible] + [illegible] →
2. [illegible]: [illegible] (algorithmic loops) [illegible]
3 [illegible]
4. [illegible]
5. [illegible]
6. [illegible]: [illegible].
7. [illegible]
8. [illegible] [illegible] [illegible].

9. [illegible]: [illegible]
[illegible]
10 [illegible] (Identity commodification) [illegible]
[illegible]
11 [illegible] [illegible] → [illegible]
[illegible]
12 [illegible]
[illegible]
13 [illegible]: [illegible] deepfake [illegible]
[illegible]
14 [illegible]
[illegible]
15. [illegible]: [illegible]
[illegible]
[illegible] 50-75 [illegible]

[illegible]

1. [illegible]: [illegible]
[illegible] Ultra HD [illegible]
[illegible]
2. [illegible]: [illegible]
[illegible]
[illegible].
3. [illegible]
[illegible]
4. [illegible]: [illegible]
[illegible]
5. [illegible]
[illegible]
6. [illegible]
[illegible]
7. [illegible]: [illegible]
[illegible]
8. [illegible]: [illegible]
[illegible]
9. [illegible]: [illegible]
[illegible].
10. [illegible]: [illegible]
[illegible]
11. [illegible]
[illegible]
12 [illegible]
13. [illegible] 8K [illegible]
[illegible] PTSD [illegible]
14 [illegible]
[illegible]
15. [illegible]: [illegible] → [illegible]
[illegible]

□ □□□□□□□
- 25–50: □□□□□□□

19 [illegible]: [illegible]
20. [illegible]: [illegible]: [illegible]

[illegible] 2: [illegible] (21-40)
[illegible] [illegible] [illegible]
21 [illegible] ([illegible]) [illegible] [illegible]
22 [illegible] [illegible] [illegible]
23 [illegible] ([illegible]) [illegible] [illegible]
24 [illegible] [illegible] [illegible]
25 [illegible] ([illegible] [illegible]) [illegible] [illegible]
26 [illegible] ([illegible], [illegible]) [illegible] [illegible] [illegible]
27 [illegible] ([illegible]) [illegible] [illegible]
28 [illegible] [illegible] [illegible] [illegible]
29 [illegible] ([illegible] [illegible]) [illegible] [illegible]
30. [illegible] ([illegible]) [illegible] [illegible]
31 [illegible] ([illegible]) [illegible] [illegible]
32 [illegible] ([illegible], [illegible]) [illegible] [illegible] [illegible]
33 [illegible] ([illegible]) [illegible] [illegible] [illegible]
34 [illegible]/[illegible] [illegible] [illegible]
35 [illegible] [illegible] [illegible]
36 [illegible] [illegible] [illegible]
37 [illegible] ([illegible]) [illegible] [illegible]
38 [illegible] [illegible] [illegible] [illegible]
39 [illegible] (Deepfake) [illegible] [illegible]
40. [illegible] [illegible] [illegible] [illegible]

[illegible] 3: [illegible] [illegible] [illegible] (41-60)
[illegible] [illegible] [illegible]
41. [illegible] ([illegible]) [illegible]/[illegible] [illegible] [illegible]
42 [illegible] [illegible]/[illegible] [illegible] [illegible]

43. [illegible] ([illegible], [illegible]) | [illegible]/[illegible] | [illegible]
44 [illegible] ([illegible]) [illegible]/[illegible] [illegible]
45. [illegible] ([illegible]) [illegible]/[illegible] [illegible]
46 [illegible] [illegible]/[illegible] [illegible]
47 [illegible] ([illegible] + [illegible]) [illegible]/[illegible] [illegible]
48 [illegible] ([illegible]) [illegible]/[illegible] [illegible]
49 [illegible] [illegible]/[illegible] [illegible]
50 [illegible] ([illegible]) [illegible]/[illegible] [illegible]
51 [illegible] [illegible]/[illegible] [illegible]
52. [illegible] [illegible]/[illegible] [illegible]
53 [illegible] ([illegible] [illegible]) [illegible]/[illegible] [illegible]
54. [illegible] ([illegible], [illegible]) [illegible]/[illegible] [illegible]
55. [illegible] ([illegible]) [illegible]/[illegible] [illegible]
56. [illegible] ([illegible]) [illegible]/[illegible] [illegible]
57 [illegible] [illegible]/[illegible] [illegible]
58 [illegible] [illegible]/[illegible] [illegible]
59 [illegible] (FOMO) [illegible]/[illegible] [illegible]
60 [illegible] [illegible]/[illegible] [illegible]

[illegible] 4: [illegible] (61-80)
[illegible] [illegible] [illegible]
61 [illegible] [illegible]/[illegible] [illegible]: [illegible]
62 [illegible] [illegible]/[illegible] [illegible]
63 [illegible] [illegible]/[illegible] [illegible]
64 [illegible] ([illegible]) [illegible]/[illegible] [illegible]
65 [illegible] [illegible]/[illegible] [illegible]
66 [illegible] ([illegible]) [illegible]/[illegible] [illegible]
67 [illegible] ([illegible], [illegible]) [illegible]/[illegible] [illegible]

68 [illegible]
69 [illegible]
70 [illegible]
71 [illegible]
72 [illegible]
73 [illegible]
74. [illegible]
75. [illegible]
76 [illegible]
77 [illegible]
78 [illegible]
79 [illegible]
80 [illegible]

[illegible] 5: [illegible] (85-100)
[illegible]
85 [illegible]
86. [illegible]
87 [illegible]
88 [illegible]
89 [illegible]
90 [illegible]
91. [illegible]
92 [illegible]
93 [illegible]
94 [illegible]
95. [illegible]

96 [illegible] [illegible]: [illegible]/[illegible] [illegible]: [illegible]
97 [illegible] [illegible]: [illegible] [illegible]/[illegible] [illegible]: [illegible]
98 [illegible] (Ctrl+Shift+[illegible]) [illegible]: [illegible]/[illegible] [illegible]: [illegible]
99 [illegible] [illegible]: [illegible]/[illegible] [illegible]: [illegible]
100 [illegible] ([illegible] [illegible] [illegible]) [illegible]: [illegible]/[illegible] [illegible]: [illegible]
[illegible]
[illegible] [illegible] [illegible] [illegible]
FOMO: [illegible], [illegible]
[illegible]: [illegible], [illegible]
[illegible] 3 ([illegible])
Acronym hysteria
[illegible]
[illegible]
[illegible] 5 ([illegible])
[illegible] [illegible] [illegible] [illegible]
[illegible] 5 ([illegible])
[illegible] ([illegible]) [illegible]
[illegible] [illegible] [illegible] [illegible] 2 ([illegible])
[illegible] ([illegible] ELI5) [illegible]
[illegible] [illegible] 2 ([illegible])
[illegible] TL;DR [illegible] [illegible]
[illegible] 5 ([illegible])
[illegible]
[illegible] FOMO [illegible],
[illegible] [illegible] (memetic language) [illegible]
[illegible]
[illegible], [illegible]
[illegible]

[illegible], [illegible]
[illegible]
[illegible]/[illegible] 15
[illegible]
[illegible]
[illegible]

[[illegible]/[illegible], [illegible], [illegible]]
[illegible]
[illegible]
1. [illegible]: [illegible]; [illegible]
[illegible] (Ctrl-[illegible]-[illegible]), [illegible]
[illegible] ([illegible]), [illegible]

2. [illegible]: [illegible]; [illegible] [illegible]: [illegible] [illegible], [illegible] [illegible]; [illegible] [illegible]
3. [illegible]/[illegible] [illegible]; [illegible] [illegible] Pomodoro reading blocks, [illegible], [illegible]
4. [illegible]/[illegible]: [illegible]; [illegible] [illegible]: [illegible], [illegible] [illegible], [illegible]
5. [illegible]: [illegible]; [illegible]
   * [illegible]: [illegible], [illegible], [illegible]
6. [illegible]/[illegible]: [illegible]; [illegible] [illegible], [illegible],
7. [illegible]: [illegible]; [illegible] [illegible] (
), [illegible], [illegible]
8. [illegible] [illegible]; [illegible] [illegible], [illegible] [illegible], [illegible]
9. [illegible]: [illegible]; [illegible] [illegible], [illegible], [illegible]
10. [illegible]: [illegible]; [illegible]
[illegible], [illegible], [illegible]
11 [illegible] [illegible] [illegible] [illegible], [illegible], [illegible]
12 [illegible]/[illegible]: [illegible]; [illegible] [illegible], [illegible], [illegible]
13. [illegible]: [illegible]; [illegible] [illegible], [illegible]
14. [illegible]/[illegible]: [illegible]; [illegible] [illegible], [illegible], [illegible]
15. [illegible] [illegible] ([illegible], [illegible]) [illegible]; [illegible], [illegible], [illegible]
[illegible]:

- [illegible]:
  - [illegible]: [illegible]
  - [illegible]: [illegible]

- o [illegible]: [illegible]
- [illegible]:
- o [illegible]: [illegible]
- o [illegible]: "[illegible]" [illegible]
- o [illegible]: [illegible]/[illegible]
- [illegible]:
- o [illegible]: [illegible]
- o [illegible]: [illegible].
- o [illegible]: [illegible], [illegible].
- [illegible]:
- o [illegible]: [illegible].
- o [illegible]: [illegible]
- o [illegible]: [illegible]
- [illegible]:
- o [illegible]: [illegible]
- o [illegible]: [illegible], [illegible]; [illegible].
- o [illegible]: [illegible], [illegible], [illegible].
- [illegible]:
- o [illegible]: [illegible], [illegible], [illegible]
- o [illegible]: [illegible], [illegible], [illegible]
- [illegible]:
- [illegible]: [illegible].
- o [illegible]: [illegible] ([illegible]/[illegible]/[illegible])
- o [illegible]: [illegible]; [illegible]; [illegible]
- [illegible]:
- o [illegible]: [illegible].
- o [illegible]:
- o [illegible]: [illegible]
- [illegible]:

o □□□□□□□□□□□□□□□: □□□□□□□□□□□□□□□□□□, □□□□□□□□□□, □□□□□□□□□□□□□□□□□□

[illegible]

[illegible]

[illegible]

4. □□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□: Deepfake □□□□□□□□□□□□□□□□ (8K+) □□□□□□□□□□□□□□□□□□□□

- [illegible]: [illegible]
[illegible] [illegible]
[illegible].

[illegible] [illegible] [illegible] "[illegible]"
[illegible] [illegible] [illegible] [illegible] ([illegible]) [illegible]
[illegible]:

1. [illegible]

- [illegible] [illegible]
[illegible] "[illegible]" [illegible] "[illegible]".
- [illegible]

2. [illegible]

- [illegible] [illegible]
[illegible]
- [illegible].

3. [illegible]

- [illegible] [illegible] [illegible] [illegible] PTSD [illegible]
- [illegible].

4. [illegible]

- [illegible].
- [illegible].

5. [illegible]

- [illegible]: [illegible] [illegible]
[illegible] [illegible].
- [illegible]: [illegible] [illegible]
[illegible].
- [illegible]: [illegible].

[illegible]

Dimension	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]

[illegible]: [illegible], [illegible], [illegible]
[illegible]: PTSD, [illegible], [illegible]
[illegible]: [illegible]
[illegible]: [illegible] [illegible]
[illegible]: [illegible], [illegible], [illegible]

[illegible]: [illegible], [illegible], [illegible]
[illegible], [illegible], [illegible], [illegible]
[illegible]

[illegible]

[illegible] [illegible] [illegible] "[illegible]" [illegible]
[illegible]
[illegible] [illegible] [illegible] ([illegible]) [illegible]

□□□□□□□□□□ (□□□□□□□□□□□□□□□□), □□□□□□□□□□□□□□□□□□□□□□□□: □□□□□□□□□□□□□□□□□□□□

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- □□ (MTHFR C677T □□□ homozygote, □□ □□□□□□□□□□□□□□□□□□□□□□ 60-70%):
  - □□□ → □□□□□□□□□□□□□□□□□□□□□□ (methyl donors) □□
  - □□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□ → □□□□□□□□□□□□□□□□□□□□□□□□ (PFC), □□□□□□□ □□ (striatum).
  - □□□□□□□□: □□□□□□□□□□□□□□□□, □□□, □□□□□□□□□□□□□□□□□□□□□, □□□□□□□□□□□□□□□□□□□□

[illegible] MTHFR [illegible] [illegible]
[illegible]: [illegible], [illegible], [illegible], [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]

[illegible]
[illegible]
[illegible] [illegible]

[illegible] [illegible] [illegible]—[illegible]—[illegible] [illegible] [illegible] [illegible] 20-30% [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] COMT/MTHFR [illegible] [illegible] [illegible]

CENTURIAN **E-01**
(UTIs)
, CYP450,

CENTURIAN LOG
(FDA) 2016 20%

—
(UTIs):

I. **:**

A.
(UTIs) uropathogenic Escherichia coli (UPEC) Enterobacteriaceae 150 (outpatient) 8-10 (~50-60%) (MSM) (

[illegible]: [illegible]) [illegible]
[illegible] [illegible]
(E. coli ESBL) [illegible]
[illegible] (~3.5 [illegible]
[illegible] ([illegible], [illegible], [illegible]) [illegible]
[illegible] MTHFR ([illegible]) [illegible] COMT Met/Met ([illegible]
[illegible]) [illegible]
[illegible] [illegible]
[illegible] ([illegible]) [illegible], [illegible]
[illegible], [illegible]
[illegible]

B. [illegible]:
[illegible]
[illegible] (UTIs) [illegible]
[illegible] ([illegible], [illegible]), [illegible]
[illegible], [illegible] ([illegible],
[illegible]), [illegible]
[illegible] (cystitis:
[illegible], [illegible]) [illegible] (pyelonephritis: [illegible],
[illegible]) [illegible] 25-30% [illegible] UTIs
[illegible] (>2 [illegible]/6 [illegible]) [illegible] (MSM)
[illegible]:
[illegible] (TLR2/4, IRF3)
[illegible] MTHFR/COMT [illegible]
[illegible]/[illegible]
[illegible]
[illegible] UTIs [illegible]
[illegible]
[illegible] 90% [illegible] ([illegible]
UPEC [illegible] 20-30%) [illegible]
[illegible]

C. [illegible]
[illegible]
([illegible], [illegible]) [illegible]
[illegible] [illegible] "[illegible]" [illegible]
[illegible] [illegible]
[illegible]/[illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible]
[illegible]

II. [illegible]: [illegible], [illegible]
[illegible]

A. [illegible]
[illegible] (MSM) [illegible]

B. [illegible]**:** [illegible]
[illegible]:

• [illegible]: [illegible], [illegible], [illegible]
• [illegible]: [illegible]/[illegible]; [illegible]/[illegible].
• [illegible]: [illegible] ([illegible]) [illegible]; [illegible] (D-mannose) [illegible].
[illegible] (MSM) [illegible] (PrEP), HIV [illegible] (STI).

C. [illegible]: [illegible]
[illegible]: [illegible] Nitrofurantoin [illegible] 100 [illegible] [illegible] [illegible] 5 [illegible] [illegible] fosfomycin [illegible] 3 [illegible] [illegible]
[illegible]/[illegible]: [illegible] Fluoroquinolones [illegible] beta-lactams ([illegible] ciprofloxacin [illegible] 500 [illegible] [illegible] [illegible] 7–14 [illegible]) [illegible] ([illegible] ESBL 20% [illegible]) [illegible] [illegible] [illegible] (CYPs [illegible], ABCB1 A/A [illegible] [illegible]) [illegible] [illegible] (fluoroquinolones)
[illegible] MTHFR [illegible] [illegible]

III. [illegible] (UTIs)

A. [illegible] (UTI) [illegible] TLR2/4 ([illegible] TLR4 Asp299Gly [illegible]) [illegible] IRF3 [illegible] UPEC [illegible] ABO ([illegible]) [illegible] MTHFR/COMT [illegible] UTI [illegible] MTHFR [illegible] COMT [illegible] Met/Met [illegible]/[illegible]

[illegible]

B. [illegible]

[illegible]; CYP2C9 [illegible] ([illegible]) [illegible] ([illegible] warfarin [illegible]) [illegible] MTHFR [illegible] [illegible]/[illegible]

IV. [illegible]

[illegible] 8–10 [illegible]; [illegible] [illegible] 10 [illegible] [illegible] MSM (Men who have sex with men) [illegible]/[illegible] [illegible]/[illegible] [illegible] (COMT/MTHFR) [illegible]

V. [illegible]: [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]—[illegible]

VI. [illegible]

[illegible] ([illegible]) [illegible] [illegible] ([illegible], [illegible]) [illegible] [illegible]

VII. [illegible]

([illegible] 6 [illegible] 2026 [illegible] CDC [illegible] [illegible] PubMed [illegible] [illegible] TLR/IRF3 [illegible] UPEC [illegible])

[illegible]

CENTURIAN LOG

[illegible]
[illegible]
[illegible]